

Host institution: Hanyang University atERICA campus Korea
Contact person: jinnie@hanyang.ac.kr
Period of study: Spring semester 2017

Preface

As a student of Copenhagen school of Design and Technology with major Computer Science, I will share my experiences about being on exchange study in Korea.

In this short report you can find advice and tips which might be helpful for future exchange students.

In addition I will try to give a better idea about life in South Korea, the culture and the education system at the host University.

I hope reading this report gives you a sense of the atmosphere in Korea at least for a bit and hopefully help you to make the right decision if you are thinking about studying abroad in Korea.

All information provided is from my personal view and other people will not necessarily agree with me.

List of contents

Introduction	3
Experiences at the Hanyang University.....	4 - 7
Social and Cultural experiences	7 - 13
Practical experiences	13- 15
• Application process	13 - 14
• Traveling and Transport	15
• Accommodation	15
• Cost and Expenses	15
Conclusion	16
Appendix	17- 28

Introduction

It was a normal rainy day at school when suddenly the coordinator for exchange study interrupted our boring lecture. The very nice coordinator introduced all possibilities about studying abroad and exchange studies. We got clear information and instructions on opportunities studying abroad. I paid no attention until the point when a Korea was mentioned.

This is how my dream started.

I would be very grateful if I could spread my experiences and thoughts about this unforgettable adventure and help somebody make the right decision to experience this amazing culture like I did. I will try to share all important information and useful advice which future students can use. It is better to learn from the mistakes of others than from our mistakes. So read carefully !

Many people have asked me the same question again and again. "Why did you choose Korea ? " . I would rather start with question, why should we even study abroad?

I have a simple answer. As a student of computer science major I was taking winter semester. Weather was getting worser from one day to the next, days were getting shorter and I started to play with the idea that it might be good to escape somewhere for a while. That time studying abroad was exactly what I was looking for, it was the answer to all my issues.

If I study abroad, why not try something totally different ?

I started to consider Korea like my potential destination for my future exchange study. After watched several videos and articles about this culture I made a decision.

I chose Korea for my next period of life, fully with plenty of expectations . For me it was very reasonable to choose Korea even though KEA offer many host Universities all around the world.

There was a rumor that Korean people likes Europeans or Americans and they are very kind and nice to them in general. I had many expectations, one of them was enrich my mind and see the life from another perspective. I was also considering Korea like one of the strongest countries related to IT and technologies which might be very useful for a future of a guy with computer science major. Another reason was to prove to myself that I am able to adapt to new living conditions.

Experiences at the Hanyang University

Hanyang university consist of two campuses. One is situated in the heart of Seoul and the other which is named ERICA (Education Research Industry Cluster at Ansan) campus is located in Ansan city, approximately 20 km from the Seoul. I attended ERICA campus. From the beginning I have regretted that I chose this campus instead of Seoul campus but after a couple of weeks I find peaceful atmosphere and amazing nature everywhere around here.

„Tip - If your budget is not that high I totally recommend to choose Ansan. It is cheaper compare to the Seoul, you can find beautiful places everywhere around and it is just 50 min by metro to reach a center of Seoul „

First impression of the new University was amazing. Campus could remind you a small town with all facilities like hospital, police office, bank, big fountains, play grounds, basketball courts, gym, cafes, cafeterias etc... You will get feeling that the University is a town itself.

Second day we had a greeting with all others exchange students. After presentation every student got their own mentor who was suppose to help with anything.

„Tip - Do not hesitate and ask your mentor anything. They are very willing to help. „



This spring semester 2017 attended just about 20 exchange students mostly from China. So you could feel that you are in some different environment considering that Hanyang University has capacity of 9000 students.

First week was a bit chaotic. You could change your desired courses and suite yourself which courses you like the most. In order to be full time student I had to choose 4-5 courses related to my major computer science. I was taking courses from several semesters.

„Tips - do not get stressed if you will not succeed to register your courses first days. In the first week try as many courses as possible offered by the University. „

My major has changed a bit. I was not Computer Science anymore I became to Computer Science & Engineering.

I started semester with 5 courses.

1. Web Design2
2. Automata & Formal languages
3. Computer Architecture
4. Information Retrieval
5. Survival Korean language course

In total 15 ECTS points. Syllabus of all my courses you can find in appendix.

1. Web design

Probably my favorite classes. We had very nice professor from Singapore. We were learning frontend programming what was very useful for a guy from computer science background. I got new skills and knowledges about whole concept of design. We were dealing with HTML, CSS, JavaScript, API's, JSON. During the semester we had two big assignments. The both assignments required to build up a website. I can fully recommend this course.

2. Automata & Formal languages

The hardest course I was taking. I have few reason why: Automata & Formal languages was something absolutely new, what I have not seen before. It was a bit hard for me because we were dealing just with mathematical operations, formulas, calculations. It was just theoretical informatics. Another reason why I did not enjoy this course was the professor. It was very hard to understand him. They use some special kind of English called Konglish (Korean-English). I can not recommend this course for somebody who does not have any mathematical or algebra background.

3. Computer Architecture.

Very useful course ! You could get idea what the computer is ! Entire semester we were learning about computer architecture, what is going on inside of the computer. A lot of helpfull informations for a future of computer science guys. The Professor was willing to help anytime and explain new subject matter again. He had a personal approach to students and kept classes filled with energy. „Story - Once, almost everybody in the class was tired. So professor asked everybody to do a warm up and stretch body. For a 5 min we did stretching and then we did continue study with . „ I absolutely recommend this course and professor as well.

4. Information Retrieval

Curriculum of this course was very interesting. What was true in reality as well but the professor could not speak English properly what made this course absolutely useless. Professor was using 70% Konglish and 30% Korean language. I could not understand lectures what was a pity because curriculum of this course is very interesting. I can recommend this course but with different professor.

5. Survival level of Korean language.

From the beginning a thought it might be fun to learn a new language. It is also way how to understand Korean culture and get little bit deeper into Korea.

I can say it was fun but definitely is not easy to learn Korean language especially for Europeans or Americans.

I can recommend this course just for those people who wants to really learn Korean language and not for them who wants to just get closer to Korean culture like me.

Study in Denmark and Korea gave me really good possibilities to compare these two educations systems. Believe or not, it is true that Denmark has one of the best education system in the world !

In Korea you will face old fashioned teaching methods. Where the professor has the highest authority. Dialogues between professor and students are not often.

Unfortunately majority of reached knowledges I will not use in my future. We were mostly memorizing useless formulas etc.

I can say that Danish way of teaching suits me better.

„Note - We can be grateful for practical education system in Denmark. After graduation, I feel that would be easier to get work in a company while in Korea I doubt it would not be so smooth.

Social and cultural experiences

Let's turn to most interesting part of this report ! In one sentence: It was a blast for my eyes and heart.

Like I mentioned before, I chose Korea mostly to try something absolutely different. First impression came right after I arrived to airport. Where you will be asked for fingerprints and eyes scan. Then you need to take a health check. If it is everything alright with you then you are officially welcome stay in Korea and all adventures can begin !

Korean culture is very traditional. Where you can find some kind of hierarchy. Elder people are respected. Even you can find hierarchy between peers where a younger friend is suppose to name his older friend with special name or hold his elbow during the pouring glass with alcohol. On the other hand older friend usually pay for drinks or food.

Koreans love to drink and eat at the same time, this is how a typical night looks. If you love to try new type of food it might be good decision choose right Korea for exchange study. They are plenty of new meals and foods to try which I could not even imagine before. I have to admit that most of them were spicy. When I say spicy I meant really spicy !



„Tips - try to learn basic words from Korean language like: thank you, hello, bye, no spicy, beer, etc..., it will definitely make your life easier and even better native people will treat you better. „

People in general are very nice and willing to help. Unfortunately not many Koreans are able to speak English but I could not see it like an obstacle.

They will stare at you ! You will be a center of attention. It sounds terrible but the truth is an opposite. People are interested at you and they want talk to you or take a picture with you.

„Story - Once we were taking a train to Seoul with one of my Korean friend. Pretty much everybody in a wagon was talking about me. After I heard what they were saying about me I was very pleased. „

Every coin has two sides. It is true that you will catch all attention everywhere but on the other hand Koreans are very shy ! If you want something, you have to do the first step.

Another typical thing what you can notice in the streets are couples. Yes, couples.

Korean culture is very strong oriented in this way. A guy is suppose to ask a girl for a date and behave like a real gentleman. Unfortunately they are not many places where opposite genders can hang out. Everything is separated by the gender.

Dormitories are separated into two buildings, one for males another for females.

Even areas like laundry or gym are separated as well. But that is not all. Everywhere

at the University you can see stickers with warning content: do not kiss or do not hang out together at common areas. Almost every square meter of the campus is covered by CCTV cameras. Sometimes you can feel that „big brother is all the time see you,, .

„Tips - if you want to enjoy life a bit more I would very strong recommend to go outside of the campus. The reason is that not many things are allowed to do inside. You can not, drink, smoke, invite hosts, play hazard games, meet girls at the campus. ,,

Now something more positive.

ERICA campus will charm you with amazing and clean environment. During the breaks you can hear K-pop songs or classical music. Down the streets you can see plenty of flowers and trees. Every morning s security guards are walking students across the streets.

All the time you can see workers to repair something or building some new facilities for students. There is also possibility to rent a school bicycle or use a shuttle bus within a campus.

At the beginning of the semester is the possibility to choose a sport clubs or others type of club.

I belonged to basketball club, baseball, crossfit, taekwondo and band club where I was learning to play on guitar.



„Tips - I recommend to try at least a few of clubs. You can find new friends or connections. It is also good way how to try something unusual like in back home. „

In Korea beauty and manners are everything.

Girls are obsessed by the perfect look. A lot of young girls undergo surgeries. So if you will get confused by walking on the street with feeling that you have seen that girl couple minutes ago, do not worry. You are not crazy, most probably that girl have the same face surgery like previous one.

I have to admit that I loved Korean architecture especially Seoul itself. Typical buildings, crowded streets, nice parks, sport areas, stadiums, lakes, rivers, markets amphitheatres, towers, mountains. This has everything at one place. You will never get bored in Seoul.

„Tips - my favorite place in Seoul is definitely the Han river ! it is a really beautiful place with all kinds of entertainment.



Considering that 20 million people are living in Seoul you can be sure that you will find all kinds of entertainment of what you like the most. If you like to socialize there are many areas you can go. My favorite ones are Hongdae, Itaewon and Gangnam. Hongdae is mostly for young people where you can see street performances of students like dance battles or singing battles. But be ready because it is always extremely crowded.

Itaewon, this place is suitable for clubbing and in addition is a center of foreigners. So if you will miss talk to some foreigners go ahead and take the metro to Itaewon. Gangnam. Probably the most famous and luxurious area in Korea. I would bet that you know Gangnam style. This song reflect exactly how this area is about. Very rich area with luxury, best parties, most expensive cars and noble people. I liked this place but it is a bit more expensive, so get your wallet ready to cry.

Every weekend there is some new festival being held. If you like electronic dance music or artist like coldplay you will enjoy every moment here.

In the case that you are seeking new people, just join any event with a positive mood. Koreans really like to be around foreigners.

Everybody can get tired of busy and never sleeping Seoul. Then is time leave this urban jungle and go to nature.

„Tips - If you want to go hiking it is better to wait until May. The nature is more beautiful and green. „



Nature in Korea is appropriate for hiking or running. Everywhere around you can find mountains with trails. In addition you can stop by temples and take a rest there. They can sometimes give you food and water for free.

For all enthusiastic people who loves sport Korea is right place to stay. Running and cycling paths along the rivers are insane. During the run is very common that some other runners will join you and will start talk to you. Another way how to find new friends and get in a shape. For those people who loves to workout I have a good news. Street workout grounds are almost at every single corner. If you are too strong you can go to the forest and find open air gym.

So far I found only one critical disadvantages of living in Korea. POLLUTION ! Compare to Europe there is big difference about quality of air. People wear masks to protect their health. In the air is a lot of dust and yellow sand. The government sometimes give the warning that masks - on are mandatory. It is a bit hard to breath in the mask but still better than getting sick.



Practical experiences

Application process:

Application process was pretty easy without any obstacles. At the beginning of the semester was held an event for all students who were interested in exchange study. We had opportunity to get all needed informations and asked questions about applications process.

After uploaded all required documents like motivation letter, financial affidavit to MOBILITY - ONLINE portal, my application was ready send to host the University. Entire process of making application was very smoothly cause of our beautiful international coordinators. Especially I want to give a thanks to Anne Dibbern who was helping me all the time with any issues and answering my email almost

immediately and also Andreas Berger who helped me collect and get ready all documents.

After a few weeks later of sending application I have got greeting from Hanyang university. Every week we received new instruction from Hanyang coordinator, for example how to apply for accommodation or how to register courses.

Communication with host University was very smooth without any complication.

„Tips - in case of any question do not hesitate and ask coordinator from the host University. They are very kind and willing to help with any question. In addition you can find very useful information on official website of Hanyang University. „



Traveling and Transport

My adventure started at Copenhagen airport from where I was taking long flight to South Korea. The flight took 21 hours with two stops in London and Hong Kong. We could order a pickup service but it was slightly expensive so I used bus and taxi instead.

Traveling in Korea was very simple because of very good public transport. Within the campus you can use shuttlecock get to subway stop or shopping mall areas. Using Seoul Metropolitan Subway system is simple and cheap in addition it covers all areas in Seoul and connecting them with nearby cities like Ansan.

„Tips - I recommend to download subway application which is extremely useful considering that Seoul has one of the biggest subway system in the world. Even native citizens can get lost sometimes. „

Other options how to get to Seoul are coaches. Transportation within a city is very cheap and convenient to use a taxi services.

Accommodation

During the whole semester I stayed at brand new dormitory which was situated in the area of the University. I was sharing room with one student from China. Living at the dormitory has pros and cons.

Pros - Reasonable price for fully furnished brand new room. Another big advantage of living at dormitory was location which means that all my departments were within 3 minutes by walk. Gym and laundry included with small convenience store and study room.

Cons - Very strict rules ! All tenants of dormitory has curfew until 1pm. No visitors or host are allowed. There is no kitchen or place to cook.

Costs and expenses

Living in Korea especially in Seoul is comparable with living expenses in Copenhagen or slightly more expensive.

My monthly budget was around 1.000.000 KRW - 800 EUR, including eating, transport, laundry and pocket money.

Eating in restaurants or cafeterias was only option because we could not cook on ourselves. Fortunately average price for meal was very friendly - around 5.000 - 8.000 KRW per main dish. On the other hand a fruit and dairy products were overpriced everywhere compare to Europe.

For an accommodation we paid 1.700.000 KRW what was the price per 4 months of staying in shared room.

You can live in Korea cheap but if you are seeking for entertainment and nightlife, be ready to pay.

I did not go over my budget which I set at the beginning.

Conclusion

My exchange in South Korea gave me an incredible amount of new experiences. I do not regret any second what I spent here in this amazing Country.

It is hard to describe with words all heartbreaking moments and adventures which I had opportunity to experiences.

Living in some absolutely different environment and culture helped me enrich my mind.

Enormous number of new friendship, relationships and connection are priceless. Can honestly say that exchange study affected my personality and point of view. I am leaving Korea with new motivation, new mindset, new goals, new approach to the life with new dreams.

My expectations were lower than the reality and you can be sure they were very high.

I firmly believe that other students of KEA who take this opportunity will have amazing time like I had.

" Seoul has a soul ! "



Appendix

Syllabus of Web Design II

Class syllabus

2017-03-15

Course Information	School Year	2017	School Semester	Spring	Class Number	APA3029	Class Code	24351
	Course Name	Web Design II			Course Classification	Compulsory Major		
	Credit Theory Practice	3-1-2			Course Restrictions			
	Lecturing Department	DEPARTMENT OF COMMUNICATION DESIGN			Department in Charge	DEPARTMENT OF COMMUNICATION DESIGN		
	Lecture Schedule							
Information about the Faculty	Department	DEPARTMENT OF COMMUNICATION			Name			
	Contact	Chin Wun Yunn			E-MAIL	choccommon@yahoo.com		
	Homepage							
Course Progression	Community	일반수업, 토론식수업, 매체활용수업, 소집단수업, 개별화수업, 세미나식수업, 설계중심수업						
	Form of Course							
Course Outline	Web Design 2 builds onto Web Design 1 as the foundation and progresses onto a more advanced stage of web development. Students are expected to come with a sound understanding of previous concepts and principles taught in Web Design 1. This class will focus on the development of websites through several class projects. Students will learn how to use various web tools and the basics of HTML and CSS.							
Class Guide Objective	At the end of the course, students will be able to: 1) Understand web design principles and apply them in the development of websites, 2) Apply and use appropriate web tools, HTML and CSS in various projects.							
Detailed Objective 1								
Detailed Objective 2								
Detailed Objective 3								
선수과목 안내	Students must have taken Web Design 1 and passed the course before they should enrol in this class.							
Notice for Students	1. Students need to attend more than two thirds (2/3) of each class in order to take the exam for that particular course. 2. If the act of cheating is discovered, received credit will be cancelled in accordance with internal regulations.							

Course Guide for Disabled Students		- Disabled students will be supported with writing assistants upon request. - Study support and consultations are also available. - Center for Students with Disabilities 02-2220-0776, soup@hanyang.ac.kr				
Textbook	No	Textbook name	Author	Publishing Company	ISBN	Price(W)
	조회된 데이터가 없습니다.					
Textbook2	No	Textbook name	Author	Publishing Company	ISBN	Price(W)
	조회된 데이터가 없습니다.					
Evaluation Item	Evaluation Item		Ratio	Evaluation Item		Ratio
	Attendance		0	Quiz		0
	Report		0	MidTerm Exam		20
	Debate		0	Final Exam		40
	Team Project		20	Study Participation		20
	Etc					Ratio
						%
						%
						%
						%
						%
						%
Total 100 %						
Weekly course schedule	1	week	Introduction			
		experience career	Seminar and discussion.			
Weekly course schedule	2	week	Overview of Web Design Tools			
		experience career	Seminar, discussion and group activity.			
Weekly course schedule	3	week	Introduction to HTML - Part 1			
		experience career	Seminar and group activity.			
Weekly course schedule	4	week	Introduction to HTML - Part 2			
		experience career	Seminar and group activity.			
Weekly course schedule	5	week	Introduction to CSS - Part 1			
		experience career	Seminar and group activity.			
Weekly course schedule	6	week	Introduction to CSS - Part 2			
		experience career	Seminar and group activity.			
Weekly course schedule	7	week	Web Design Project 1 (Mid-Term Exam)			
		experience career	Presentation			
Weekly course schedule	8	week	Individual Consultation 1			
		experience career	Individual discussion with professor.			

Weekly course schedule	9	week	Individual Consultation 2
		experience career	Individual discussion with professor.
Weekly course schedule	10	week	Web Development - Part 1
		experience career	Group and individual work
Weekly course schedule	11	week	Class Presentation
		experience career	Presentation and discussion.
Weekly course schedule	12	week	Web Development - Part 2
		experience career	Group and individual work
Weekly course schedule	13	week	Class Presentation
		experience career	Presentation and discussion.
Weekly course schedule	14	week	Web Development - Part 3
		experience career	Group and individual work
Weekly course schedule	15	week	Final Presentation & Submission
		experience career	Presentation and discussion.
Weekly course schedule	16	week	End of Semester Show
		experience career	Preparation for semester show.

Syllabus of Automata & Formal Language Theory

Class syllabus

2017-03-15

CourseInformation	School Year	2017	School Semester	Spring	Class Number	ELE3029	Class Code	22959
	Course Name	Automata & Formal Language Theory			Course Classification	Core Major		
	Credit Theory Practice	3-3-0			Course Restrictions			
	Lecturing Department	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING			Department in Charge	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING		
	Lecture Schedule							
Information about the Faculty	Department	DIVISION OF COMPUTER SCIENCE			Name	Kim Han Woo		
	Contact	ext) 5124			E-MAIL	kimhw@hanyang.ac.kr		
	Homepage	http://ailab.hanyang.ac.kr/~automata						
Course Progression	Community	일반수업						
	Form of Course							
Course Outline	Introduction to the theory necessary to understand the fundamentals of computation, and it's application. Concept of Formal language and it's characteristics, Relation between Formal language and automata will be discussed.							
Class Guide Objective	To familiarize students with the foundations and principles of computer science, to teach material that is useful in subsequent courses, and to strengthen students' ability to carry out formal and rigorous mathematical arguments.							
Detailed Objective1								
Detailed Objective2								
Detailed Objective3								
선수과목 안내	Discrete Mathematics background will be required							
Notice for Students	1. Students need to attend more than two thirds (2/3) of each class in order to take the exam for that particular course. 2. If the act of cheating is discovered, received credit will be cancelled in accordance with internal regulations.							

Course Guide for Disabled Students		- Disabled students will be supported with writing assistants upon request. - Study support and consultations are also available. - Center for Students with Disabilities 031-400-4502, shooting14@hanyang.ac.kr				
Textbook	No	Textbook name	Author	Publishing Company	ISBN	Price(W)
	1	An Int' to formal languages and automata	peter linz	jones & bartlett learning	978-1-4496-	
Textbook2	No	Textbook name	Author	Publishing Company	ISBN	Price(W)
	조회된 데이터가 없습니다.					
Evaluation Item	Evaluation Item		Ratio	Evaluation Item		Ratio
	Attendance		10	Quiz		0
	Report		10	MidTerm Exam		30
	Debate		0	Final Exam		40
	Team Project		0	Study Participation		10
	Etc					Ratio
						%
						%
						%
						%
						%
						%
	Total 100 %					
Weekly course schedule	1	week	introduction.			
		experience career				
Weekly course schedule	2	week	mathematical background			
		experience career				
Weekly course schedule	3	week	finite automata(1)			
		experience career				
Weekly course schedule	4	week	finite automata(2)			
		experience career				
Weekly course schedule	5	week	relation between finite automat and regular language			
		experience career				
Weekly course schedule	6	week	introduction of grammar and regular grammar			
		experience career				
Weekly course schedule	7	week	context free grammar			
		experience career				
Weekly course schedule	8	week	context free language and grammar			
		experience career				

Weekly course schedule	9	week	simplification of context free language
		experience career	
Weekly course schedule	10	week	push down automata
		experience career	
Weekly course schedule	11	week	relation between context free language and pushdown automata
		experience career	
Weekly course schedule	12	week	property of context free language
		experience career	
Weekly course schedule	13	week	turing machine
		experience career	
Weekly course schedule	14	week	introduction of computational complexity 1
		experience career	
Weekly course schedule	15	week	introduction of computational complexity 2
		experience career	
Weekly course schedule	16	week	final examination
		experience career	

Syllabus of Information Retrieval

Class syllabus

2017-03-15

Course Information	School Year	2017	School Semester	Spring	Class Number	ELE4076	Class Code	22146
	Course Name	Information Retrieval			Course Classification	Extended Major		
	Credit Theory Practice	3-3-0			Course Restrictions			
	Lecturing Department	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING			Department in Charge	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING		
	Lecture Schedule							
Information about the Faculty	Department	DIVISION OF COMPUTER SCIENCE			Name	Younghoon Kim		
	Contact				E-MAIL	nongaussian@hanyang.ac.kr		
	Homepage							
Course Progression	Community	일반수업						
	Form of Course							
Course Outline	Structured data is easily managed with a relational database but textual information is unstructured and hard to retrieve useful information from due to the difficulty in precisely understanding natural language. In this course, we will introduce various techniques for accessing and mining text information. We will include text processing, inverted indexes, retrieval models (e.g., vector space and probabilistic models), IR evaluation, text categorization, text filtering, clustering, topic modeling, retrieval system design and implementation, issues of web search engines, and applications of text retrieval and mining.							
Class Guide Objective	<ul style="list-style-type: none">* Understand how search engines work.* Understand the limits of existing search technology.* Learn to appreciate the sheer size of the Web.* Learn to write code for text indexing and retrieval.* Learn about the state of the art in IR research.							
Detailed Objective1								
Detailed Objective2								
Detailed Objective3								
선수과목 안내	Data structures, Database Systems, Algorithms							
Notice for Students	1. Students need to attend more than two thirds (2/3) of each class in order to take the exam for that particular course. 2. If the act of cheating is discovered, received credit will be cancelled in accordance with internal regulations.							

Course Guide for Disabled Students

- Disabled students will be supported with writing assistants upon request.

- Study support and consultations are also available.

- Center for Students with Disabilities 031-400-4502, shooting14@hanyang.ac.kr

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Textbook2	No	Textbook name	Author	Publishing Company	ISBN	Price(W)
	조회된 데이터가 없습니다.					
Evaluation Item	Evaluation Item		Ratio	Evaluation Item		Ratio
	Attendance		10	Quiz		0
	Report		0	MidTerm Exam		30
	Debate		0	Final Exam		40
	Team Project		0	Study Participation		20
	Etc					Ratio
						%
						%
						%
						%
						%
	Total 100 %					
Weekly course schedule	1	week	Introduction to information retrieval			
		experience career				
Weekly course schedule	2	week	Text preprocessing (document processing, stemming)			
		experience career				
Weekly course schedule	3	week	Overview of text retrieval systems			
		experience career				
Weekly course schedule	4	week	Retrieval models and implementation (Vector Space Models)			
		experience career				
Weekly course schedule	5	week	Probabilistic models (statistical language models)			
		experience career				
Weekly course schedule	6	week	Query expansion and feedback			
		experience career				
Weekly course schedule	7	week	Web Search Engines (Ranking - PageRank, HIT model)			
		experience career				
Weekly course schedule	8	week	Midterm exam			
		experience career				

Weekly course schedule	9	week	Information filtering
		experience career	
Weekly course schedule	10	week	Text classification (feature selection, Naive bayesian classification)
		experience career	
Weekly course schedule	11	week	Text classification (k-nearest neighbors, SVM)
		experience career	
Weekly course schedule	12	week	Text clustering (vector space clustering)
		experience career	
Weekly course schedule	13	week	Graph-based methods
		experience career	
Weekly course schedule	14	week	Latent Semantic Analysis (dimension reduction)
		experience career	
Weekly course schedule	15	week	Latent Semantic Analysis (probabilistic topic modeling)
		experience career	
Weekly course schedule	16	week	Finalterm exam
		experience career	

Syllabus of Computer Architecture

Class syllabus

2017-03-15

Course Information	School Year	2017	School Semester	Spring	Class Number	ENE1004	Class Code	22148
	Course Name	Computer Architecture			Course Classification	Compulsory Major		
	Credit Theory Practice	3-3-0			Course Restrictions			
	Lecturing Department	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING			Department in Charge	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING		
	Lecture Schedule							
Information about the Faculty	Department	DIVISION OF COMPUTER SCIENCE			Name	Park Sungju		
	Contact	031-400-5199			E-MAIL	paksj@hanyang.ac.kr		
	Homepage	http://mslab.hanyang.ac.kr						
Course Progression	Community	매체활용수업						
	Form of Course							
Course Outline	It is necessary for all students of computing understand computer architecture in order to make best use of the software tools and computer languages they use to create programs. This computer architecture includes instruction sets (programmer's abstraction of a computer), organization or microarchitecture (the internal implementation of a computer at the register and functional unit level), and system architecture (at the cache and bus level). Students also need to understand performance measures such as CPU clock speed, cache size, bus organization, number of cores, and power consumption for different computer architectures. CPU, memory, input/output, and control components are precisely investigated through this course.							
Class Guide Objective	It is necessary for all students of computing understand computer architecture in order to make best use of the software tools and computer languages they use to create programs. This computer architecture includes instruction sets (programmer's abstraction of a computer), organization or microarchitecture (the internal implementation of a computer at the register and functional unit level), and system architecture (at the cache and bus level). Students also need to understand performance measures such as CPU clock speed, cache size, bus organization, number of cores, and power consumption for different computer architectures. CPU, memory, input/output, and control components are precisely investigated through this course.							
Detailed Objective1								
Detailed Objective2								
Detailed Objective3								

Course Guide for Disabled Students

- Disabled students will be supported with writing assistants upon request.

- Study support and consultations are also available.

- Center for Students with Disabilities 031-400-4502, shooting14@hanyang.ac.kr

Textbook	No	Textbook name	Author	Publishing Company	ISBN	Price(W)
	1	Computer Organization and Architecture Tenth edition	William Stallings	Pearson	1-292-09685-3	
Textbook2	No	Textbook name	Author	Publishing Company	ISBN	Price(W)
	조회된 데이터가 없습니다.					
Evaluation Item	Evaluation Item		Ratio	Evaluation Item		Ratio
	Attendance		10	Quiz		0
	Report		10	MidTerm Exam		40
	Debate		0	Final Exam		40
	Team Project		0	Study Participation		0
	Etc					Ratio
						%
						%
						%
						%
						%
	Total 100 %					
	Weekly course schedule	1	week	Introduction - chap. 1		
experience career						
Weekly course schedule	2	week	Computer evolution and performance - chap.2			
		experience career				
Weekly course schedule	3	week	Top-level view of computer function and interconnection - chap.3			
		experience career				
Weekly course schedule	4	week	Top-level view of computer function and interconnection - chap.3			
		experience career				
Weekly course schedule	5	week	Cache memory - chap. 4			
		experience career				
Weekly course schedule	6	week	Cache memory - chap. 4			
		experience career				
Weekly course schedule	7	week	Cache memory - chap.4			
		experience career				
Weekly course schedule	8	week	Midterm exam			
		experience career				

선수과목 안내	
Notice for Students	<p>1. Students need to attend more than two thirds (2/3) of each class in order to take the exam for that particular course.</p> <p>2. If the act of cheating is discovered, received credit will be cancelled in accordance with internal regulations.</p>