

Study Abroad/Exchange:

I studied at Tallinn University of Technology (Taltech) in Estonia between January and June in 2021. At the time I attended the Computer Science program at KEA and mostly took courses at Taltech from their Cyber Security bachelor program.

The courses I took at Taltech were;

Fundamentals of Python (ICS0015)

Introduction course to python, should be very easy as a fourth semester student from Computer Science at KEA.

Governance and Management of Cyber Security (ICS0009)

Super interesting course about governance and managing cyber security, you'll learn about Cyber security management principles. Information security and cyber security risk management, incident management. Software security architecture and secure software development. Most used techniques and frameworks, their implementation.

Introduction to Entrepreneurship (TMJ0130)

You'll learn the basics of entrepreneurship.

Introduction to Cyber Security (ICS0003)

You'll be introduced to the nature, basic concepts and main techniques of cyber security as well as their usability on practice for different security scenarios.

Cryptography (ICS0026)

This course gives an overview of the most used cryptoprimitives, their uses, functional requirements, security requirements and attacks, weaknesses. The assignments for this course was probably the hardest out of all the courses apart from the governance report.

Social, Professional and Ethical Aspects of IT (ICS0006)

This course provides a 'big picture' overview of the social background of information technology as well as its mutual interaction with other spheres of society (legislation, education, government etc).

Academic Experience:

Taltech was very helpful with all my needs, you'll quickly get to love their contact person, Kerti as she is very helpful and can answer any question you may have about Taltech/Estonia.

I found Introduction to ICS0003, ICS0009 and ICS0026 the most rewarding as I felt I learned the most in these courses and they were the main reason I came to Estonia to study for my semester abroad. Although the material for the first half of the semester of ICS0009 & ICS0003 are very similar it differentiates a lot later on.

The classes I found the least valuable were ICS0006 as it was mostly information you could find online and is a completely self-study course. Although it does teach people the important aspect of being an IT professional that is blogging and teaching others. Not much about ethics though.

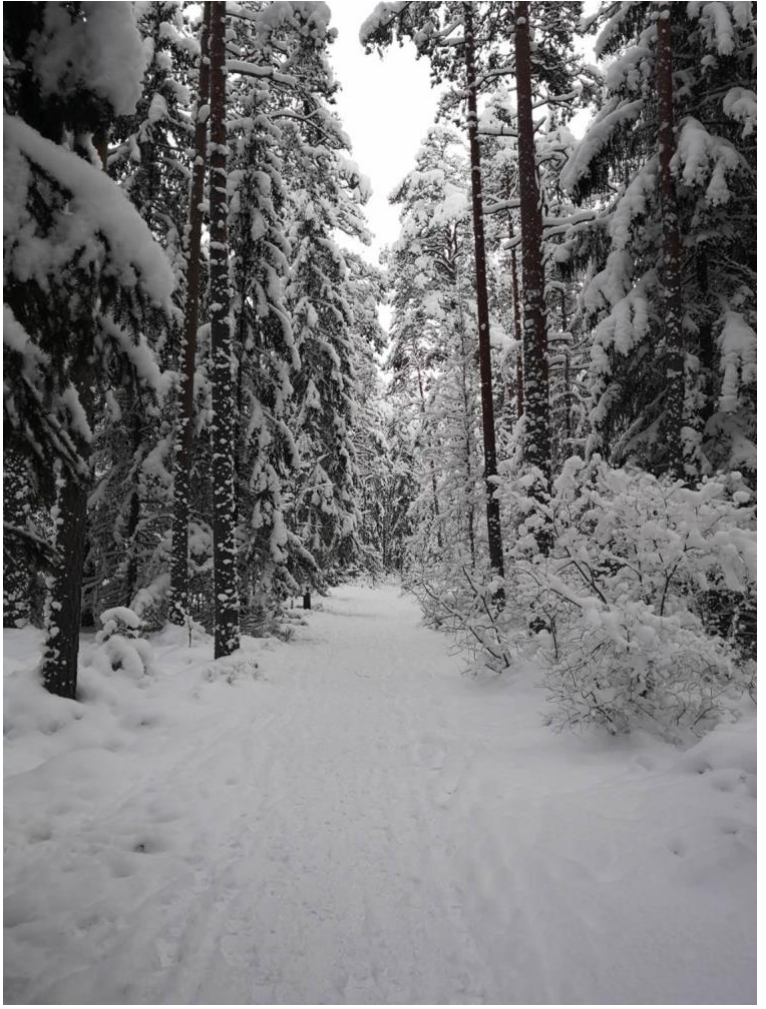
For anyone interested in cyber security I would definitely choose ICS0003, ICS0009 & ICS0026, but if you wanna learn Python I would suggest the advanced course as ICS0015 is very basic.

I'm sure the school is really great and I would've loved to actually go there, unfortunately corona made that impossible and I only visited the school once to get my documents.

Cultural/Personal Experience:

Apart from having to get used to living in another country, translating prices from EUR to DKK there wasn't really any challenges culturally, I'm sure Taltech would've been very helpful if any challenges were met though.

The best cultural experience was definitely seeing the Old Town of Tallinn, the most inner part of the city is an amazing display of medieval buildings.



Also seeing the huge amounts of snow was amazing, I haven't seen that much snow since I was 5-8 years old.

I would advice all KEA students going abroad in Estonia/Taltech to not only explore Old Town but also the other areas of Tallinn, I can highly recommend the areas Telliskivi & Kalamaja which has some very good places to eat and awesome clubs/bars as well.

To give a quick overview I'll list my favorite places:

Clubs:

Techno club HALL (#1 techno club in Tallinn, also has great pizza)

Club 9/11

Bars:

Põhjala Brewery & Tap Room (Biggest craft brewery in Estonia)

Sveta Baar

Beer House

Restaurants/Food:

F-Hoone

Kaja Pizza Köök (Best pizza in Estonia)

VLND Burger (Best burger in Estonia)

La Cucina (Best pizza close to the Academic Hostel)

III Draakon (Medieval food in a really cool setting)

Shops:

SIP (over 100 different craft beers, buy all your beer here)

Balti Jaama Turg (Street food)

I also went on a brewery tour at Põhjala Brewery which definitely is worth a visit if you enjoy craft beer.



I highly recommend renting a car and going on trips around Estonia as the nature is beautiful, Pärnu & Tartu is especially nice in Summer. (Don't visit Pärnu in winter) Saaremaa is also worth a visit.

Practical Experience:

The application process was very smooth, Anne Dibbern from KEA and Kerti Sönmez have been ready to answer any questions I've had and basically held my hand the entire way so to speak.

I lived at the Academic Hostel at Endla 4 and I had no practical difficulties settling down or finding the accommodation. The process with the Academic Hostel was very easy and cheap. (OBS. If you are going to live at Endla 4, you still have to pick up your keys from Akadeemia)

I ended up spending a little less money than I budgeted for because of lockdown but in general most of my expenses were food + rent. (And craft beer)