



# TAAVI TAMMARU

## APPLIED MATHEMATICS

*“Surprisingly I am starting to enjoy the math”*

A physics student who appreciates math and economics and used to code a bit! Realising that combining the private sector and academics is considerably more exciting than each one on its own.

### Bachelor's thesis

“Calculating Core Electron Binding Energies for Atoms at the Surfaces of Insulators”

Supervised by Dr. Juhani Matthias Kahk

Developing a computational method that allows to find core electron binding energies for any element on the surface of an insulator, thus making possible to interpret experimental x-ray spectra.

### Work experience

#### **Mobile game development**

React-native development

- Publishing to both android and IOS
- Spyfall, Boggle. Combined 30k+ downloads

#### **Taddy**

front-end web development / 2019

- Worked on the web application and the landing page

#### **Modash**

Internship / front-end web development / 2018

- Worked with the early founding team of the successful startup that has now raised series A.
- Worked on the web platform and the landing page.

### Math competitions

Some placements I am proud of:

- University of Tartu math competition autumn 2023  
30/100 points 8th place overall
- The five schools meeting (high school)  
36/50 points 10th place overall
- Estonian high school winter open 2017  
18/42 points 67th place overall

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### Education

BA in Physics 1st year  
University of Groningen  
2022 - 2023

Bachelors in Physics  
University of Tartu  
2023 - 2026

### Expertise

Math

Physics

### Languages

English

Estonian

### Interests

Math competitions

Reading

Economics

Gym

Football

Basketball