Välimerenkatu 14 C 95
Helsinki, Finland 00220
+358 44 0606 889

Axel Neergaard

axel.neergaard@gmail.com
github.com/c00k133
neergaard.dev

Employment

Full Stack Developer	Smartly.io	Summer 2019 – ongoing

- Developing flagship Pinterest integration to the Smartly.io advertising platform.
- Planned, designed, and implemented keyword system for Pinterest advertisement groups.
- Extended development tool to automatically generate TypeScript types from JSON Schemas.

Chief Information Officer	Teknologföreningen (TF)	2019

- Teknologföreningen (or TF) is a Swedish speaking students' society at Aalto University founded in 1872.
- **IT Sector:** Implementing and administering IT systems within the society; Chief of the IT committee.
- **Information Sector:** Overseeing information flow within TF for approximately 1000 members; Publisher of the unions newspaper Modulen.

Software Engineer, Intern	Verto Analytics	Summer 2018

- Researched and developed state-of-the-art data gathering project for Android and iOS platforms; Automated and scaled data analysis capabilities.
- Streamlined data processing utilizing Apache Spark on Amazon EC2 clusters.

Teaching Assistant	Aalto University	Spring & Fall 2018

- Courses: Programming II, Algorithms and Data Structures; Course sizes 200–300 students.
- Oversaw weekly exercise sessions, assisting a median of 12 students per session; Marked tests and gave personal feedback.

Test Automation Engineer, Intern	Profit Software	Summer 2017

- Enhanced in-house Robot Framework test library, ensuring quality of main product.

Education

Espoo, Finland	Aalto University	Fall 2016 – Spring 2021

- M.Sc. in Information Security and Cloud Computing, Spring 2021.
- B.Sc. in Computer Science and Engineering with Minor in Interdisciplinary Product Development (Aaltonaut), Spring 2019. Received with honors.
- Exchange at Yale-NUS, Singapore, Spring 2020.

Espoo, Finland	Mattlidens Gymnasium IB	Fall 2012 – Spring 2015

- International Baccalaureate Diploma Programme.

Technical Experience

Projects

- **Photo Gallery** (2019–2020). Flat-file photo gallery with thumbnail generation capabilities for Teknologföreningen. Webpage: foto.tf.fi. Django, jQuery, LDAP, Apache2.
- **Q-Learning Worms** (2018). Reinforcement learning project in the form of teaching worms to move through unknown environments. C++, Box2D.
- **Libby** (2017–2018). Library voice assistant for general help around the Otaniemi (Aalto) campus. Python, Amazon Alexa, AWS Lambda, RaspberryPi 3.

Additional Experience and Awards

- **EMMA Taidemuseokoulu (2003–2012):** Arts related studies parallel to elementary studies.
- **Finnish National Fencing Team:** Part of the Finnish national Épée fencing team, partook in EU and World championships (2013), Winner of the Finnish-cup (2013).

Languages and Technologies

- Scala, Java, Python, C/C++, NodeJS, TypeScript, Bash.
- Django, GraphQL, Apache Spark, Apache2, Robot Framework, React, PostgreSQL, Git, Unix.