LARS THALIAN MORSTAD

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EDUCATION

The University of Edinburgh *Expected Graduation - May 2022*
B.S. Computer Science and Artificial Intelligence
School Of Informatics

Hadeland Upper Secondary School *Graduation - June 2018*
Natural Science and Mathematics Studies

WORK EXPERIENCE

Listen AS, Oslo *June 2019 - September 2019*
App Development Intern

- Assisted development of the "Listen SoundLife" App for Android and iOS, working with Java, C and React Native.

Rema 1000, Gran *June 2019 - September 2019*
Cachier

SKILLS

Technical Skills - Programming

- **Java** **2 Years**
- **Python** **1 Year**
- **C** **1 Year**
- **Haskell** **1 Year**
- **MIPS assembly** **1 Year**
- **Data structures and algorithms**
- **Machine learning**

Technical Skills - Other

- **Linux** **2 Years**
- **LaTeX** **1 Year**
- **Mathematics; Linear Algebra, Calculus and Discrete mathematics**
- **Data analysis**
- **Git**

RELEVANT COURSEWORK AND PROJECTS

Software Engineering - Bike Rental System Final mark - 91.1%

· This coursework was a semester-long run through of the steps in a plan-driven software development process. This included requirements analysis, design with UML diagrams, and implementation of a mock system in Java.

MIPS Assembly and C - Word Finder Final Mark - 100%

· This coursework was about implementing a word finder in a grid of characters simultaneously in C and MIPS assembly, to highlight the similarities between the two and how you can translate from one to the other.

C - MIPS Processor Simulator Final Mark - 95%

· This assignment was concerned with creating a simulated processor that implemented a subset of the MIPS instruction set. It also included a simulated memory cache, to demonstrate how the two work together.

Python - Insult Generator Personal Project

· This personal project was completed in less than 24 hours with a team in the Hack the Burgh 2018 Hackathon. It included a neural network to recognize faces, a web scraper to gather data and a web interface to submit pictures to.

EXTRA-CURRICULAR ACTIVITIES

CompSoc Edinburgh *April 2019 - Present*
Society Secretary

· In the executive commitee for CompSoc Edinburgh, Scotlands largest student-led technology society. In charge of running day-to-day operation. Secured sponsorships from companies such as Google, Microsoft, and Facebook. Organized programming contests, tech talks and hackathons for the society.

Student Council *August 2017 - June 2018*
Main Representative