EERIK SAKSI

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EDUCATION

University of Glasgow — Glasgow
MSci Computing (2nd Year Entry) — Sep 2018 - May 2022
GPA

- 2nd Year: 17.7 / 22

- 3rd Year: 16.18 / 22

EXPERIENCE

UROS — Oulu, Finland
Software Engineer — June 2019 - August 2019

- At UROS, I was tasked with reverse engineering a project built on LabVIEW, a neural network written in C and an MYSQL database. UROS wanted to understand how the data was loaded and processed by LabVIEW in order to replace the C library with a better alternative. I managed to completely replicate the old behaviour with the existing data with a Python implementation, which enabled backwards compatibility with existing user data, and allowed UROS to use newer neural network implementations such as Tensorflow.

Leidos — Glasgow
Team project — November 2019 - March 2020

- Leidos wanted our 5 person team to help manage their parking at their company. I was responsible for developing most of the React Native app, aswell as helping my teammates use FastAPI. I also learned how SQLAlchemy worked from my teammates.

SKILLS

Javascript/Typescript:	In both backend and frontend
React:	Libraries include Material UI, React Router, Jest, React Bootstrap etc.
node.js:	Libraries include Sequelize, Apollo Server, Jest, Express, node-fetch/node-html-parser, type-orm/type-graphql
SQL:	Postgres/SQLite and ORM's (SQLAlchemy, Django ORM)

ACTUAL LANGUAGES

English (Fluent):	Studied in English almost my entire life
Finnish (Fluent):	Always talk Finnish at home
German (Intermediate):	Have lived in Switzerland, and have a 4/5 in AP German

PROJECTS

Tune Type *Sequelize, node.js, Express,Apollo Server, GraphQL, Google Oauth, React, Bootstrap*
tunety.pe
With tunetype, you can select a song and practice your typing speed to the lyrics and song live. You can also create synchronizations for songs that haven't been synchronized yet. I also used YouTube's and Genius's API for searching and metadata. Hosted on Heroku.

FridgeGerald *Django*   https://github.com/EerikSaksi/FridgeGerald
FridgeGerald suggests recipes based on what ingredients you have, and prioritizes those that are close to spoiling.

My personal site (Work in Progress) *React, TypeScript, Material UI*
https://eeriksaksi.vercel.app/