



## EXPERIENCE

### UROS

Jun 2019 – Aug 2019 | Software Engineer Intern

- › Reverse engineered existing homogenous codebase into one Python solution
- › Maintained backwards compatibility with existing customer data

### Barclays UK

Jun 2021 – Aug 2021 | Technology Developer Intern

- › Worked in technology resilience and incident management
- › Worked on task automation
- › Hosted meetings demonstrating automation task

### Aalto University

Aug 2022 – June 2023 | Software Developer

- › Working on A+, an online learning platform for programming used by Aalto and other universities
- › Working with Django, docker and Kubernetes
- › Using pull requests to solve issues assigned at sprints

## EDUCATION

### University of Glasgow

2018 – 2022 | Master's Degree in Computing

- › First Class Honours with 2nd Year Entry

## PROJECTS

### Stat Buff ↗



Sep 2020 - May 2021

Multiplayer iOS and Android fitness game. This app was designed to study the impacts of collaboration on exercise motivation. 30 users were surveyed and 10 interviewed.

node.js   Postgraphile   graphql-ws  
graphile-migrate   Postgres   pl/pgSQL  
React Native   Typescript   React Native Paper  
React Navigation   Apollo Client  
GraphQL Codegen

### Poggers ↗

Sep 2021 - May 2022

Poggers automatically generates GraphQL middleware for a Postgres database. Designed with performance and scalability in mind, it outperforms Hasura and Postgraphile.

Rust   Actix Web   GraphQL   Postgres  
Tokio   async-graphql   petgraph   serde  
Docker

## SKILLS

### Frontend Development

React   React Native   Svelte   Tailwind CSS  
Bootstrap   Material Design

### Backend Development

Django   Actix Web   node.js  
TypeGraphQL/TypeORM   Diesel

### Databases

MySQL   Postgres   SQLite   MongoDB  
Neo4j   Dgraph

### Data Science

Pandas   scikit-learn   SQLAlchemy   Spotlight  
Matplotlib   Tesseract

### Cloud

Heroku   Apex   AWS RDS  
Firebase Authentication   Vercel

### Other

Haskell   Java   C/C++   Python  
Linux/Bash   AMD64 Assembly  
User Centered Design   Test Driven Development  
Scrum