



ABOUT ME

Rust Developer

Passionate about WebAssembly and writing fast, safe and scalable servers/microservices

Fullstack Developer

Passionate about writing fast websites with minimal Javascript, cross platform mobile development, and automatic servers from databases

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 | MySQL
Postgres | SQLite | MongoDB | Neo4j

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

CONTACT

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