

REMI BAHAR

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Slough

remibahar.github.io

PROFILE

A first-class MSc computer science graduate and Lloyds Banking Group software engineering graduate. Have a passion for developing large-scale systems and technology cultivated from working on a range of problems from developing enterprise web-applications to teaching a robot how to use a swing. Developed strong interpersonal skills from working on numerous group projects, often involving collaborating with a range of teams possessing a range of skillsets.

SKILLS

Java (Spring-Boot)	JavaScript (React, NodeJS)	Python (Flask, NumPy)	PHP
Haskell	MySQL, MongoDB	HTML, CSS	Git, Docker
Testing (Automated, Manual)	Cloud (GCP)	Mathematics	Linux

EDUCATION

Queen Mary University of London | First MSc Computer Science | September 2021 – September 2022

- Functional Programming (Concurrency and Parallelism), NoSQL, Machine Learning, Distributed Systems, Computer Architecture and Networks, Security and Authentication, Bayesian Statistics, Cloud Computing, Dissertation project with a German company.

University of Birmingham | 2:1 BSc Physics | 2018 – 2021

- Significantly developed problem-solving skills solving a variety of often unfamiliar problems from first principles and cultivating a strong Mathematical background.

Langley Grammar School | A*AA A-Levels | 2015 – 2017

Long Close School | 6 A*'s, 3 A's, 1 B GCSE's | 2010 – 2015

EXPERIENCE

Software Engineering Graduate | Lloyds Banking Group | September 2022 – Present

- Developed an enterprise web-application using Spring-Boot and React and worked alongside another developer to integrate it into an existing codebase.

Test Engineer | ComXo Ltd | March 2022 – September 2022

- Worked with IT and Operations to test the Android/iOS app, write a custom documentation website, and perform load testing.

Web Designer | Comfort Care Services | July 2019 – September 2019

- Worked with management to design Audit mobile application and communicate requirements with outsourced developers.

Web Developer | Comfort Care Services | 2017 – 2018

- Gained experience in full-stack web-development leading projects through the software development lifecycle.
- Improved **inter-personal skills** through presenting work in meetings, training staff on how to use the application, and collaborating with other developers.

PROJECTS

Dissertation | Microservice Healthcare management system | cmd Consulting GmbH, Queen Mary University of London | 2022

- Implemented a gateway handling authentication, JWTs, redirects, IAM and patient service implementing authorization.
- Capable of handling 1000+ simultaneous users and returning 2000 patient entities in 300 ms. Used Spring-Boot.

Academic Project | Distributed processing of matrix calculations | Queen Mary University of London | 2022

- Increased performance by over 300% using 8 gRPC google cloud servers and 1 client. Used NodeJS and Express.

Group Project | Using reinforcement learning to optimise swing pumping | University of Birmingham | 2021

- Worked in a team of 14. My role was to develop a physiologically accurate model of a human that could perform standing and squatting movements. Organised the team's work using GitHub and devising a high-level plan.

Industrial Project | Audit System | Comfort Care Services | 2018

- Developed a web-application to schedule and conduct audits with CRUD functionality and following complex business logic.

ACTIVITIES AND INTERESTS

Volunteering with IVHQ in Nepal | June 2018

- Taught English to Primary School students for a month in a government school in Pokhara, Nepal.

Silver Duke of Edinburgh Award | 2015 – 2017

- Involved learning first-aid, kickboxing, volunteering at Age Concern Slough, and a team-expedition to the Peak District.

National Citizenship Service Challenge | July 2016

- Pitched in a team to local businesses to hold a fun day for children with autism. Donated proceeds to Slough crossroads.