Khesim A. Reid

Software Engineer

☎ +44 7850 422015 | ✉ khesim.reid@gmail.com | ⌂ khesimreid.com | in linkedin.com/in/khesim-reid

Experience

Amazon *London, UK*
Software Development Engineer *October 2021 - Present*

- Currently working as a full-stack software engineer in the Prime Video Website client team. Developing frontend widgets in React.js and backend APIs in Scala for integrating with dependency services to deliver for our customers.
- Features worked on include Devices Management, Parental Controls, Profiles and Viewing Restrictions.
- Serving as Q1 2023 Scaling Point of Contact for ensuring that Help, My Stuff, Profiles and Settings pages on the Prime Video Website are adequately scaled for upcoming events.
- Successfully carried out an API migration which resulted in a latency improvement of approximately 30% in some marketplaces.

Barclays *Glasgow, UK*
Summer Technology Developer *July 2020 - August 2020*

- Interned in the Chief Technology Office (CTO) team of architects, while also serving as a software developer, in an intern team, on a machine learning project. As an architect intern, ensured that the machine learning project adhered to and furthered the firm's technology strategies.
- Utilised Anaconda and AWS to develop machine learning models for analysing and classifying batches of FNZ trade data generated during the Covid-19 Pandemic.

Education

UCL *London, UK*
MSc Software Systems Engineering - Disctinction *2020 - 2021*

- **Notable Course Units**: Requirements Engineering and Software Architecture; Software Abstractions and Systems Integration; Tools and Environments; Complex Networks and Web

University of Manchester *Manchester, UK*
BSc (Hons) Computer Science - 1st Class *2017 - 2020*

- **Subject Areas**: Algorithms, Artificial Intelligence, Computer Architecture, Distributed Computing, Programming, Software Engineering

Skills

Currently Using Java, Scala, JavaScript, Typescript, React, HTML & CSS
Previous Work Python, C, C#, SQL

Previous Projects

Node-RED Quantum
HTTPS://NODE-RED-QUANTUM.GITHUB.IO/ *June 2021 - September 2021*

- Node-RED Quantum is a library of nodes for use in Node-RED which allows users to build quantum programs as graphical flows by dragging, dropping and connecting these nodes.
- Node-RED Quantum was a UCL Industry Exchange Network team project done in partnership with IBM. It was built using JavaScript and produces Qiskit code for quantum programs based on the graphical flow created by the user.
- For this project, I served as the team lead and was responsible for leading the team, managing goals and timelines and liasing with stakeholders while still working as a software developer.

ORCA: Online Register for Classes with Analytics
HTTPS://GITHUB.COM/UCL-ORCA/ORCA *November 2020 - April 2021*

- ORCA is a web application for use by academic institutions to monitor students' engagement with online learning in a non-obtrusive way.
- ORCA allows academic staff to gather and visualise data on students' use of online learning platforms to allow them to keep track of student well-being and to assess the effectiveness of the online learning materials made available for students.
- ORCA was a team project completed by UCL MSc students in partnership with Microsoft, as part of the UCL Industry Exchange Network.
- I was responsible for implementing the event aggregator which combined logs of student activities from various learning platforms into one standard format for storage in SharePoint Lists. I was also responsible for creating the scripts which would allow students to request their stored data or delete it, in order to comply with GDPR regulations.