

ARAN LONG

Software Engineer

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BIOGRAPHY

Backend Engineer always seeking new challenges. Currently finding them at Monzo and previously, at Goldman Sachs.

EXPERIENCE



MONZO

Backend Engineer, Sep 2018 - Present

Worked in customer operations platforms as we surpassed 3M customers.

Experience in Golang and distributed systems.



GOLDMAN SACHS

Technology Analyst, Jul 2018 - Aug 2019

Worked in investment banking technology, supporting deals such as the Uber IPO.

Worked on uplifting legacy syndication platform to modern microservice architecture.



UK GOVERNMENT

Blockchain Research Intern, Summer 2017

Developed academic credential verification system based on MIT's 'Blockcerts'.

Full-stack architecture using Hyperledger Fabric, Golang, Node, Docker, Bulma.



INVENTIVE COGS

Technical Consultant, Sep 2016 - Jul 2018

Developed patent pending level 2 self-driving automation systems.

Completed funded dissertation which was presented to Bosch and the Department for Transport, helping to gain initial seed funding.



AUTODESK

Software Engineer Intern, Summer 2016

Rebuilt core XML abstract library in C++, resulting in 100% backend UNIX compatibility.

Implemented error checking into macro scripting.

EDUCATION



UNIVERSITY OF BIRMINGHAM

Computer Science BSc, 2015 - 2018

First Class Honours - 80%

Dissertation - 82%

AWARDS / PROJECTS



PEDALO

HackTheNorth - Waterloo, Canada, Sep 2017

Ethereum blockchain based credential verification. Awarded "best use of blockchain", the highest value prize at the largest hackathon in Canada. Additionally received pre-seed grant from 1517fund - a Silicon Valley based fund.



BUSOFF

HackJunction - Helsinki, Finland, Nov 2016

Awarded Deezer prize for developing a virality focussed interactive game. Built motion service using Python, SocketIO, OpenCV.



NOTIFI.CLICK

HackUPC - Barcelona, Spain, Oct 2016

Awarded best use of Amazon AWS for developing a no-cost notification system. Built using a serverless architecture and Amazon Dash buttons.



GADGET SHOW

Birmingham, UK, Summer 2016

Developed, with a team of 10, a speed dating chatbot that featured on the UK TV series. Built the data entry stack, architected the project.



CISCO

Heathrow, UK, Oct 2015

Awarded first-place prize for developing 'Permission Cloud'. A Blockchain based IOT permissions system developed with Barclays.

CERTIFICATIONS



PLURALSIGHT

Blockchain Fundamentals