

Isaac M. Jordan – Software Engineer

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Objective

Professional software engineer with 4 years experience in small and large enterprise environments building innovative products aiming to be market leaders. Experienced in a variety of languages and technology stacks, mostly recently with Java, JavaScript, TypeScript, and AWS services (Lambda, EC2, SQS, DynamoDB, S3).

Work Experience

- **AWS** London, UK
Software Development Engineer II Sep 2019 - Present
- **Amazon** Edinburgh, UK
Software Development Engineer II Sep 2018 - Sep 2019
 - Integrated my team's video rendering API with a large Amazon Advertising product which involved collaborating with engineers and UX designers in Seattle over several months. Developed a new serverless micro-service to act as a mediator, created and integrated new TypeScript React components in another team's code, and set up automated alarming and monitoring.
 - Actively worked to improve my team's development and release process over time such as introducing SonarQube for code quality analysis which has improved our quality month-on-month.
 - Introduced tools to monitor our operational load as a team (week-on-week tracking of ticket counts).
- **Amazon** Edinburgh, UK
Software Development Engineer I Sep 2017 - Sep 2018
 - Launched a new video advertising program and increased performance by 10x in 6 months through rigorous experimentation, exceeding our team goal of \$500k sales.
 - Improved customer privacy by developing a micro-service to scrub personally identifiable information from logs within seconds, far exceeding the quality of previous batch-based systems
 - Improved management and discoverability of projects in my team's system by developing new React components. Added a new front-end test harness to test code that was previously untested, using Enzyme for shallow rendering.
- **Amazon** Edinburgh, UK
Software Development Engineer Intern Jun 2016 - Aug 2017
 - Created a prototype application with the goal of applying personalised video to existing content in a fast and automated fashion. Utilised multithreading to process images in real-time with OpenCV.
- **TBR Global Chauffeuring** Glasgow, UK
Software Developer (Intern, followed by Part-Time) Jun 2015 - May 2016
 - Improved ingestion time of data from Emirates Airline from hours of manual effort to minutes by creating a system to retrieve, parse and visualise XML files from FTP servers which validated data using OpenAddressesUK and GoogleMaps. Used C#, MVC.NET, JS, and MapBox.
- **Chi Squared Innovations** Remote
Software Developer (Part-Time) Sep 2014 - Jun 2015
 - Worked closely with CEO to recreate the public facing website in-house using the Python/Django web-stack, along with D3.js data visualisation library.

Education

- **University of Glasgow** Glasgow, UK
BSc (Hons) in Computer Science (First Class) 2013 - 2017
 - Level 3 Class Prize - Strong A grades in all Computer Science classes, and many Mathematics classes.
 - First Prize at Glasgow University Tech Society Hackathon 2015.