

## Isaac M. Jordan – Software Engineer

London, United Kingdom

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### Summary

Professional software engineer with 5 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, most recently with Java/Kotlin, JavaScript, TypeScript, and AWS services (Lambda, SQS, DynamoDB, S3).

### Work Experience

- **AWS (Amazon CodeGuru Profiler)** London, UK  
*Software Development Engineer II* Sep 2019 - Present
  - Designed, implemented, and launched new user features in a new and ambiguous product area with a global team, such as simplified profiling visualisations, core onboarding workflow for new users, and new APIs to correlate data with other AWS services. Wrote the first public blog post.
  - Took ownership over the console (front-end) infrastructure and codebase, ensuring a high quality bar was maintained as newer engineers took on front-end work and the service extended to 5 additional AWS regions. Personally improved page performance by 50% and reduced bundle size by 20%.
  - Took on an informal engineering team lead role, mentoring other engineers through projects and regularly improving and simplifying development and operational processes. E.g. introduced Kanban and simpler prioritisation discussions, follow-the-sun on-call rotas, safer launch processes, weekly dashboard reviews, reusable infrastructure libraries (removing over 10k lines of code).
- **Amazon** Edinburgh, UK  
*Software Development Engineer II* Sep 2018 - Sep 2019
  - Integrated my team's video rendering API with a large Amazon Advertising product, involving global collaboration over several months. Utilised AWS Lambda/DynamoDB/S3 for a new micro-service mediator with automated alarming, along with new TypeScript/React components for the UI.
  - Improved my team's development and release processes over time, e.g. introducing SonarQube for month-on-month code quality improvements, and new tools to track the team's operational load.
- **Amazon** Edinburgh, UK  
*Software Development Engineer I* Sep 2017 - Sep 2018
  - Launched a new programmatic video advertising program and increased ad performance by 10x in 6 months through rigorous experimentation, exceeding our team goal of \$500k sales.
  - Other projects included improving customer privacy by scrubbing personally identifiable information from logs within seconds, developing new front-end features to manage and discover internal video projects, and introducing new front-end test harnesses to cover previously untested code.
- **Amazon** Edinburgh, UK  
*Software Development Engineer Intern* Jun 2016 - Aug 2017
  - Created a patent-awarded prototype application to convert existing video content into personalisable videos in a fast (real-time) and automated fashion, using a Java/OpenCV pipeline.
- **TBR Global Chauffeuring** Glasgow, UK  
*Software Developer (Intern, followed by Part-Time)* Jun 2015 - May 2016
  - Reduced data ingestion time by 95% for Emirates Airline jobs by preprocessing data using OpenAddressesUK and Google Maps APIs, saving hours of manual labour each week.
- **Chi Squared Innovations** Remote  
*Software Developer (Part-Time)* Sep 2014 - Jun 2015

### Education

- **University of Glasgow** Glasgow, UK  
*BSc (Hons) in Computer Science (First Class)* 2013 - 2017
  - Received top-of-class prize in Year 3, and first prize at Glasgow University Hackathon 2015.