

Isaac M. Jordan – Software Engineer

London, United Kingdom

IsaacJordan95@gmail.com

<https://isaacjordan.me>

<https://uk.linkedin.com/in/ijordan>

<https://github.com/isaac-jordan>

Summary

Professional software engineer with 8 years experience in large and small enterprise environments building innovative products aiming to be market leaders. Experienced in a variety of languages and technology stacks, most recently with C#, TypeScript, React, and Angular.

Work Experience

- **G-Research - Europe's leading quantitative finance firm** London, UK
Software Engineer [TypeScript, React, Angular, C#] Oct 2021 - July 2024
 - Created and iterated upon new tools for live monitoring of global trading, for example rejected trade analysis.
 - Designed and implemented a new process and DSL for mass managing external connections with multi-person approval and an audit trail, allowing for a 10x scale-up of connection types.
 - Refined my team's development processes, moving towards a more flexible kanban model, reducing code review turnaround time, and running regular retrospectives.
- **AWS (Amazon CodeGuru Profiler)** London, UK
Software Development Engineer II [TypeScript, React, Kotlin, AWS] Sep 2019 - Oct 2021
 - Developed a new product with a global team, such as simplified profiling visualisations, onboarding workflows, and new APIs to correlate data across AWS services. Wrote the first public blog post.
 - Took on an informal engineering team lead role, mentoring other engineers through projects and regularly improved and simplified development and operational processes. E.g. introduced Kanban and simpler prioritisation discussions, follow-the-sun on-call rotas, safer launch processes, weekly dashboard reviews, and reusable infrastructure libraries (removing over 10k lines of code).
 - Took ownership over the console (front-end) infrastructure and codebase, ensuring a high quality bar as new engineers took on front-end work and the service extended to 5 new AWS regions. Personally improved page performance by 50% and reduced bundle size by 20%.
- **Amazon** Edinburgh, UK
Software Development Engineer II / I / Intern [Java, TypeScript, React, AWS] Sep 2017 - Sep 2019
 - Integrated my team's video rendering API with a public Amazon Advertising product. Utilised AWS Lambda/DynamoDB/S3 for a new micro-service mediator with automated alarming, along with new TypeScript/React components.
 - Launched a new programmatic video advertising program and increased ad performance by 10x in 6 months through rigorous A/B experimentation, exceeding our team goal of \$500k sales.
 - Improved my team's development and release processes over time, e.g. introduced SonarQube for month-on-month code quality improvements, and new tools to track the team's operational load.
 - Internship: 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) [C#, MVC.NET, JavaScript] Jun 2015 - May 2016
 - Cut manual ingestion time by 95% by preprocessing data using OpenAddressesUK and Google APIs.
- **Chi Squared Innovations** Remote
Software Developer (Part-Time) [Python, Django, JavaScript, d3.js] 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.