

# Emma Scott

e.scott.tech@gmail.com

github.com/e-scott-91

www.linkedin.com/in/emma-scott-7b9119170/

## Profile

I am a passionate developer with experience within a number of roles with varying systems and cultures in place, all of which have positively influenced my knowledge base. As well as making significant and valuable contributions within my team, I also engage with the wider software development community including attending Women Who Code meetups regularly, attending conferences (such as QCon) and mentoring female apprentice developers. Most recently my BSc dissertation was also accepted for presentation at IEEE DCS '22 along with publication in the IEEE library.

## Education

### **BSc Computer Science | 1st Class Hons (96% average weighted grade)**

*University of Greenwich, London*

### **A / AS Levels | Grade A's Maths, Biology, Chemistry and Economics**

*Pates Grammar School*

### **GCSEs | 9A\*'s and 1A (inc. A\*'s Maths, Sciences, English)**

*Prince Henry's High School*

## Employment History

### **Deutsche Bank | London** July 2021 - Present

*Software Engineer*

- Corporate Bank - 400+ code commits within my first 6 months to a backend Kafka and Java Spring Boot message streaming platform. Contribution also included designs of specific complex flows.
- Credit Risk - worked on a fundamental Java GraphQL Oracle data access layer used by over 29 other development teams. Added new features including performance stats within the GraphQL response object allowing for complex query optimisation.

### **Deutsche Bank | London** July 2020 - August 2020

*Software Engineer Intern*

- Used Python and associated ML libraries to develop a machine learning model to predict and model specific outcomes relating to the Covid-19 pandemic. Reduced length internship due to the Covid-19 pandemic.

### **StructureIT | London** June 2019 - Sept 2019

*Software Developer Intern*

- Adapted, implemented and integrated a monitoring system that pushed metrics about each of the company's big data processes and clusters (all hosted on AWS) allowing for the optimisation of resources and failure management. This added significant value to the organisation who had inflated costs due to over resourcing.

## Technical Skills

### **Programming Languages**

Java, Kotlin, Scala, Python, SQL

### **Technical Tools**

Spring Boot, Kafka, GraphQL, Oracle, Git, Jenkins

## Other Experience & Certifications

**Apr '22** - BSc Dissertation accepted for publication and presentation at IEEE DCS 2022. Paper titled "Optimising User Security Recommendations for AI-powered Smart-Homes".

**Feb '22** - Contributor to DB's "Let's Talk Tech" Blog with a post about Apache Kafka

**Oct '21** - Certified GCP Associate Cloud Engineer

**Nov '21** - Host of a WiT session with Deutsche Bank's CIO of the Corporate Bank (~170 attendees)

**July '19** - BCS Lovelace Finalist (Technology Conference)