

Eva Bogomil

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EDUCATION

UNIVERSITY OF EDINBURGH — Computer Science (BEng Hons)

Sep 2019 – July 2023

- First Class with Honours
- First Class Dissertation "HaskellQuest: a game for teaching functional programming in Haskell"
- Relevant courses: Databases, Computer Security, Communications and Networks, Foundations of Data Science

CHELTENHAM LADIES' COLLEGE — GCE Advanced Level

Sep 2017 – July 2019

- Mathematics: A*, Further Mathematics: A*, Physics: A, Art: A
- Extended Project Qualification (EPQ) - Natural Language Processing: A

WORK EXPERIENCE & PROJECTS

SOFTWARE ENGINEER — CITI

Sep 2023 — Present

- Work on integration of generative AI into various business areas
- Full-stack developer working with React ts, Next js and Python

SOFTWARE ENGINEER INTERN — CITI

June — August 2022

- Worked as a front-end developer for internal markets application with React JS and typescript
- Gained experience with Jenkins, TDD, Cypress, Jasmine
- AWS chat-bot project with AWS Lambda, s3, Lex
- Winner of the ICG Hackathon with the best matching algorithm solution. Also worked on application interface in Figma
- Talk for internal Women @ Citi Who Code network — "What's so great about Haskell"

SOFTWARE ENGINEER INTERN — THOUGHT MACHINE

July — Sep 2021

- Developed an FPS simulator of the third party API using Go, Kafka, Kubernetes for Credit Transfers team.
- Gained experience of full product development lifecycle using Jira, Grafana, Prometheus and other.

SPRING TECHNOLOGY INSIGHT PROGRAMME INTERN — CITI

April 2021

EARLY INSIGHT INTO TECHNOLOGY INTERN — J.P.MORGAN

Feb 2021

MASKIT — iPhone app that helps people stay safe in the current pandemic

Aug 2020 – May 2021

- Funded by Google Cloud COVID-19 hackathon fund program
- Constructed and maintained original masks data set
- Worked on the users interface using Figma
- Experience with Google Firebase, JavaScript and React

EXTENDED PROJECT QUALIFICATION (EPQ)

2019

- Undertook a year-long research project investigating the principles and applications of Natural Language Processing (NLP) resulting in a 5000 words research essay.
- Developed a chatbot in Python using SpaCy to support the research
- Gained experience in scientific paper writing

ACHIEVEMENTS

WINNER — "HACK FOR THE PEOPLE" HACKATHON

2020

Best Use of Google Cloud — COVID-19 Hackathon Fund

(<https://devpost.com/software/maskit-smwf23>)

- Worked on the users interface using Figma, data compilation in Google Firebase, and the final presentation of the project.
- Developed strong work ethics under very limited time conditions with team members located in three different time zones

UKMT SENIOR MATHS CHALLENGE

2017 – 2019

- Winner of the regional UKMT senior team maths challenge
- Participant of the national final UKMT senior team maths challenge

WINNER — ENGINEERING ESSAY COMPETITION *Newnham College, Cambridge*

2018

- Conducted a research on the architectural and engineering principles and technologies used in the construction of supertall skyscrapers.

SKILLS

Developer Skills

- **Python**, Java, SQL, **React**, **JavaScript**, **TypeScript**, CSS, Go, Haskell, C, Kafka, Pascal, Git and GitHub, MIPS Assembly

Art Skills

- Procreate, Figma, Blender, Adobe Photoshop and basic video editing

Language Skills

- English, Russian, German

Other Skills

- Microsoft Office and alternative office suites, strong communication and teamwork skills, organisation and leadership, academic writing skills

SOCIETIES

UNIVERSITY OF EDINBURGH GOOGLE DEVELOPER STUDENT CLUB

Sept 2020 – June 2021

(<https://gdsc.community.dev/university-of-edinburgh/>)

- Organised and lead the core team
- Organised a range of different events (talks, workshops, socials)
- **Doubled** the number of club members — over 240 members

GUEST SPEAKER — PITCHTEEN (<https://www.linkedin.com/company/pitchteen/>)

June 2021

- Talk about hackathon experience and software engineering practices for project organisation

BCS STUDENT MEMBER

Sept 2020 – Present

- Attend talks and events hosted by the society

STUDENT REPRESENTATIVE — *School of Informatics, University of Edinburgh*

Sept 2019 – June 2020

- Managed communication between the students and course organisers by running regular surveys and weekly reports
- Assisted the School in minor administrative tasks, such as fixing broken online lecture recordings

INTERESTS

Art and Illustration, Taekwondo (Green Belt), Cooking