

# Eleanor MacCarthy

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## Education

BSc Computing with Placement year - Goldsmiths College, University of London

Sep 2021 - Jun 2026

**Languages:** HTML, CSS, Javascript (Front and backend, Ejs, p5.js, node.js), Java, MySQL

**Societies:** Badminton Society, Hacksmiths (Varsity Hacking Team Goldsmiths)

**A-levels:** The Global Academy UTC

Sep 2019 - June 2021

UAL Level 3 Extended Diploma in Creative Media Production and Technology - Distinction\*

Cambridge Technical Level 3 Diploma in Information Technology - Merit

(168 UCAS credits)

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## Technical Skills

Coding Languages: Python, Java, SQL, Linux Shell Scripting

Frameworks/tools: MySQL, EJs, Node.js, p5.js, Git

IDEs: IntelliJ, Visual Studio, Brackets, Xcode

Operating Systems: Windows, macOS, Linux (Ubuntu)

Web Development: React, HTML, CSS3, Javascript, Swift

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## Relevant Experience

**Systems Administration Assistant at [Aqua Safari Resort](#)**

Jun - Aug 2023

- Assisted in maintaining the IT infrastructure for a 3-star Luxury hotel, abroad in Ghana, collaborating with a team of four
- Introduced to hardware networking and server maintenance with both Linux and Windows operating systems
- Optimized network performance by troubleshooting connectivity issues and implementing network monitoring tools, resulting in smooth performance after heavy rainfall and other infrastructure failures.

**Technology Internship at [Kainos Technology](#)**

April 2021

- Virtually shadowed employees, learning the basics of web development using HTML, CSS & and Javascript, by completing coding challenges and creating a simple webpage.
  - Introduced to Cybersecurity and the fundamentals of White-hat hacking using software such as Postman and Heroku, while collaborating with other interns to infiltrate a web app.
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## Projects and Competitions

### Projects

**Weather prediction (Team Project - University) - Python and Machine Learning**

Oct 2023 - April 2024

- Collaborative computing project in a team of 5, creating a weather prediction app using TensorFlow.
- Python, React, SQL, MySQL database, Data cleaning, Jupyter Notebook, Tensorflow

**Forum app (Individual Project - University) - Javascript**

Oct 2023 - Dec 2023

- Module final project, creating a dynamic web forum, using a Linux terminal (ubuntu) and MySQL to hold user data on a virtual server.
- Javascript (node.js, EJs), SQL, Java, HTML & CSS

## Competitions

**Varsitycode** (representing Hacksmiths - University Varsity Hacking Team )

**Nov - Dec 2023**

An online student competition to individually complete coding tasks and represent their home university with new challenges released every week.

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## Additional Experience

**Advertising and Media Intern at [MediaCom](#)**

**Mar 2020**

- A five-day work experience, receiving hands-on learning about different roles within one of the world's leading media communications specialists.
- Developed my skills in research and presentation, using Microsoft suite tools such as PowerPoint to create a presentation on \*\*\*
- Participated in meetings with stakeholders to create taglines for topline search engine advertisements using Excel.

**PR Intern with [L'Occitane](#)**

**Jul - Aug 2019**

- Introduced advertisement and branding standardizations for the company, while organising PR packages to be sent out to different publishers.
  - Curated portfolios of competition brands to be used to compare monthly sales and merchandising marketing.
  - Trained on industry standards such as the awareness of KPIs and visual merchandising, to affirm brand continuity in stores.
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## Scholarship, Associations & Awards

### Scholarships

[Graduate Engineering Engagement programme by The Royal Academy of Engineers and Winsor Fellowship](#) **2023**

[Digital Innovations with the Royal Television Society](#) **2021**

[Amazon Future Engineer with The Royal Academy of Engineers and Amazon.com](#) **2021**

### Associations

[Rewriting the code](#) - An Online peer-to-peer network of women in tech, providing support to the future women in Tech.

[SEO London](#) - Mentorship program preparing talented students from underserved and underrepresented backgrounds for career success

[Upreach](#) - Mentorship scheme to deliver an intensive programme of career support, for undergraduates from less-advantaged backgrounds

[2020CHANGE Alumni](#) - a social mobility organisation, empowering young people through opportunities to maximise their potential.

### Awards

[Gold Duke of Edinburgh Award](#) **2022**

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## Extracurricular & Personal Interests

### Societies

Google Developers Student Club (QMUL Developer Student Club) **2023**

### Personal Hobbies

Korean language enthusiast, self-taught completing the TOPIK 1 exam in October 2023

Fitness devotee actively practising Ballet (1 year), Golfing - driving ranges (<1 year) with a background in Artistic Gymnastics (7 years)