

# Hannelore Elsden

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## Personal Statement

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I am a current third year Mathematics student at the University of Bristol with a predicted First-Class Honours degree. I would very much like to secure a Software Developer position or similar in order to utilise my current analytical skills and knowledge. I am keen to further develop these abilities through a career in a practical and fast-paced environment.

## Education

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### University of Bristol

(2019 – 2022)

#### First-Class BSc. (Honours) Mathematics (Predicted)

Key Skills gained:

- Strong analytical skills, ability to follow complex reasoning and pay attention to detail.
- Coding proficiency in Python and R.
- Excellent problem-solving, organisational and time-keeping skills.
- Ability to communicate well; with a focus on explaining complex topics clearly in simpler terms.

Notable Modules – Mathematical Programming, Linear Algebra, Algebra, Multivariate Calculus, German.

### Malvern College

(2016 – 2018)

A levels: Mathematics A\*, Further Mathematics A\*, Economics A, Spanish A.

### Kings' Worcester

(2013 - 2016)

GCSEs: 10 grade A\*, 1 grade A.

## Experience

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### Mentor & Brand Ambassador, Cajigo

(June 2021 - Present)

- Developed exciting video content to provide advice and insights into being a Woman in STEM for women and girls aged 11+.
- Actively online mentoring women on the Cajigo app through my Mentor profile page and sharing industry news and blog content, achieving increased confidence for women & girls.
- Promoting the platform at universities through various societies as a Student Brand Ambassador.

### Shadowing, Ghyston

(September 2021)

- Shadowed a Technical Consultant and participated in Industry talks with current interns and grads, then collaborated with them during Git workshops.
- Joined a Developer working on a HTML project, gaining experience in issues that come up and how they are tackled.

### Intern, Modux

(July 2021)

- Achieved basic proficiency in C# using Visual Studio Code during a week-long internship.
- Created own algorithms, using Slack and GitHub to collaborate on work, including a decryption function for the Cisco 7 password. GitHub link to work: [hanneloreelsden/Modux-internship](https://github.com/hanneloreelsden/Modux-internship)

## Extra-Curricular Activities

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- Acted as a nominated committee member of University's Women in STEM Society holding 1st Year and Mathematics Representative roles. Developed and implemented a successful mentoring programme, connecting first year and older students within the same courses and scheduling initial meetups then ensuring contact throughout a year-long period.
- Ran Code Clubs for children aged 8-11 as a volunteer with Bristol City Council Libraries. This helped me to improve my communication and management skills in a lively, new environment.
- Held position of Events Coordinator for Bristol Student Action for Refugees Society, managing a team with one other coordinator. Organised and ran an event & raffle for 200 people, raising £350 and creating awareness of the Lift the Ban campaign affecting asylum seekers.
- Achieved Level B2 Upper Intermediate certificate in Spanish during a residential language course in Malaga.