

# Helena Avis

**Full-Stack Developer:** JavaScript, TypeScript, Node.js, React.js

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Full-Stack Developer with a background in JavaScript, HTML/CSS, REST API development, SQL (MySQL and PostgreSQL), Java, and C# from studying at the University of Southampton and TechNative Digital. Outside of my university studies, I regularly attended Model United Nations sessions which have allowed me to improve my critical thinking and interpersonal skills through debating the perspectives of different nations.

## Key Skills

- HTML
- CSS
- JavaScript
- TypeScript
- Node.js
- React.js
- REST API development
- PostgreSQL databases
- Git
- Project management using Trello and Slack
- Agile methodologies (Scrum).
- Organisation and time management skills.
- Presentation and speaking skills.

## Education History

### **2025 - TechNative Digital - Tech Finishing School:**

Worked on a variety of group and individual projects using industry standard tools and processes, whilst networking with developers and industry professionals.

#### **Notable Projects:**

- **Mixtape Magic:**  
A React application, supported by a Node.js REST API working alongside a PostgreSQL database. I had to work closely with the other developers to ensure the back end of the application was able to meet the front end's requirements. To achieve this, I was able to make effective use of Trello and Git to coordinate my work with the other developers.
- **Mythic Minis:**  
An HTML, CSS, and JavaScript site created to be a catalogue and digital home for a fictional company (Mythic Minis).

### **2020-2024 - University of Southampton - MEng Computer Science (2:1):**

#### **Modules:**

Completed a range of modules covering programming, software development and project management, game design and development, cyber security, and networks.

#### **Notable Projects:**

- **Group Design Project (70 - 1<sup>st</sup>):**  
Worked as part of a five-person team of Electronics and Computer Science students to develop a Virtual Reality simulation of a TM5-900 robot arm for the Meta Quest 2 using Unity. I took the lead on training my group members in the Unity engine, as I was the only member with prior experience. Throughout the project, we were required to give presentations of our product to other groups, lecturers, and our clients at OMRON.
- **Third Year Independent Project (73 - 1<sup>st</sup>):**  
I conducted research into the standard of teaching cyber security/digital forensics, serious games, and their applications to teaching cyber security/digital forensics. I then designed and developed, using Unity, a serious game intended to teach A Level or first-year university students about basic cyber security and digital forensics concepts.

- **Software Engineering Group Project (69 - 2:1):**

Worked as part of a five-person development team to design and develop a piece of software for the purpose of runway re-declaration by air traffic control staff.

**2018-2020 - Uckfield College - A-Level:**

3 A-Levels - Mathematics (A), Computer Science (A), Physics (A) and an EPQ (B)

**2016-2018 - Uckfield College - GCSE:**

12 GCSEs 9-6 and A-B including Mathematics (9), Computer Science (8), Statistics (A), and Further Mathematics (A)

## **Employment History**

**March 2025 - Present: Post Office Counter Clerk - TGJones, Uckfield**

**Responsibilities:**

- Provide friendly and effective service to customers on the Post Office counter.
- Responsible for correctly processing customer postal, banking, and other transactions.

**Key Achievements:**

- Using and developing my customer service and communication skills through helping customers choose the right services for their needs.

**December 2024: Customer Assistant (Seasonal) - Morrisons, Crowborough:**

**Responsibilities:**

- Provide friendly and effective service to customers as part of the checkout staff.
- Ensure customer payments are taken correctly and that no sales of restricted products are made to underage customers (according to the Challenge 25 programme).
- Assist other staff with their responsibilities on the shop floor when needed.

**Key Achievements:**

- Using and developing my customer service skills through serving customers at the checkouts.
- Developing my versatility and flexibility by switching between checkout and shop floor responsibilities.

**2018-2020: Kitchen Porter - Hartfields, Uckfield:**

**Responsibilities:**

- Assist the rest of the kitchen staff with dishwashing, cleaning, and basic food preparation tasks.
- Process deliveries of produce and ensure they are correctly stored and recorded.

**Key Achievements:**

- Developing my interpersonal skills by working closely and effectively with the rest of the kitchen team.
- Contributing to a high standard of service through effective prioritisation and organisation of my responsibilities within the kitchen team.

**2016: Volunteer Worker - Kit Wilson Animal Rescue Centre, Hadlow Down:**

**Responsibilities:**

- Assist the full-time employees with their responsibilities in caring for the animals at the rescue centre.

**Key Achievements:**

- Improving my interpersonal skills by working closely with the full-time employees to care for the animals.
- Helping to provide a high standard of care and wellbeing for the animals at the rescue centre.