

# Clara Forwood

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## Education:

University of Exeter, Bachelor of Electrical and Electronic Engineering with Industrial placement, BEng Hons (2022 - 2026) (Expected First)

City and Islington College - A Levels:

Math A, Computer Science B, Drama B and EPQ on Modern Ethics A

GCSEs Homeschooled (5-8) Including 8 in Math and Physics

## PERSONAL STATEMENT:

I am a proactive, multilingual engineering under-graduate at the University of Exeter entering my final year at university having recently completed an internship in Portsmouth with AIRBUS Defence and Space.

## Experience:

### PAYLOAD SYSTEMS ENGINEER (JULY 2002 TO MAY 2022)

#### AIRBUS DEFENCE AND SPACE | PORTSMOUTH | JULY 2024 – PRESENT

In July of 2024 I joined Airbus's Defence and space division as a Payload systems engineer intern. In collaboration with my team, I delivered a Matlab tool that was installed as software into the digital transparent processor of the satellite.

I was fully integrated into the Airbus team, surrounded by best-in-class engineering specialists and leaders and took this opportunity to give me my first professional work experience enabling me to both understand the application of University theory in practice and to better appreciate the importance of soft skills such as communication (of both technical and non-technical work aspects) and teamwork.

I also worked in test report validation for different components; this gave me a real world understanding of what is behind good performance of telecommunication systems hardware.

### LV ENGINEER

#### XRACING | EXETER | SEPTEMBER 2023 – MAY 2024

I contributed to the debugging and building the relay board of the car . The application of self-guided study provided me with confidence and self determination to push through the difficulties of the project.

### TREASURER

#### UOE JIU-JITSU CLUB | EXETER | SEPTEMBER 2023 – MAY 2024

I joined the club in my first year of university which seemed a logical progression from Judo a sport I participated in as a child. I was nominated to take up the role and responsibility of acting as club treasurer. This

role involved the management of invoices, financial spreadsheets and submission of termly audits. The outcome of my efforts allowed for the successful budgeting of social events that further strengthened the internal relationships of the club.

## **BARTENDER**

### **THE SEKFORDE| LONDON | APRIL 2022 - AUGUST 2022**

My experience working in The Sekforde pub in central London, was my first experience of employment and taught be a lot of things. My first trial shift was in peak time and quite stressful, but I quickly learnt how to deal with speed of demands and sometimes unruly customers. Communication amongst staff was crucial in avoiding mistakes in peak time and when we had to adapt out working practice for private functions for film productions.

## **GAME DEVELOPER**

### **SELF-PROJECT | LONDON | JULY 2021- JULY 2022**

Crash Site is a game that was originally a Global game jam project but due to its success and my tenacity, I continued to work on it for the rest of the year resulting in a fully-fledged beta commercial product. The project was bult on the game engine Unity and programmed in C#. Taking the beta project along the entire pipeline was very rewarding. I developed an increased appreciation for each step that is required to take a project to completion. The Website for the project can be seen below. <https://claraforwood.wordpress.com/crash-site/>

### **Technical Skills:**

- Programing Lanuages
  - Matlab (Fluent)
  - C# (Fluent)
  - Python (Fluent)
  - C (Competent)
- Video Editing with DaVinci Resolve 18
- Photo editing with Affinity Photo
- Unity Game Engine
- SolidWorks CAD Design
- Microsoft Office

### **LANGUAGES:**

- English- Native
- Spanish- Fluent
- French- Intermediate

### **Awards:**

- SolidWorks Associate (2022)
- Gold DOE Award (2021)
- Competent Crew RYA Certificate (2021)
- Black belt in Taekwondo (2021)

