

# Katherine Carver-Hardy

Mobile: 07772201567

Email: [katabeth.ch@gmail.com](mailto:katabeth.ch@gmail.com)

Junior Software Developer with Sparta Global and Electronic Engineering Graduate from the University of Exeter, having achieved a 2:1. I have a particular interest in Software Engineering and IT roles, and I am looking for jobs in either of these avenues which allow me to use my skills in various coding languages and passion for computing.

Currently based in Essex but open to relocating.

## EDUCATION AND QUALIFICATIONS

### University of Exeter

Sep 2018 - July 2022

BEng (Hons) Electronic Engineering [2:1]

#### Relevant modules:

Analogue and Digital Electronics Design; Computer Aided Drawing; Electronic Design Studies; Engineering in Society and Company Finance; PICs Microcontrollers and Microprocessors; Scientific Programming in C  
Multiple software projects using Python, C and C based languages.

### Colchester Royal Grammar School & Sixth Form

Sep 2013– July 2018

A-Levels - Maths [A], Chemistry [B], Physics [B]

GCSEs – 5 A\* [Biology, Chemistry, Physics, English Literature, Maths]

5 A [Computing, D&T: Product Design, French, History, Statistics]

2 B [Astronomy, English Language]

### Stockton Riverside College

November 2022

Level 2 – Principles of Warehousing and Storage

Level 2 – Lean Organisation Management Techniques

## WORK AND VOLUNTEER EXPERIENCE

### Sparta Global

London, United Kingdom

Junior Java Developer

June 2024 – Present

- Most recently, work with a team to create a pensions application to present to Legal and General
- Training in Agile and Scrum management techniques, Java fundamentals including Spring Boot
- and RESTful APIs, SQL, Database Management and website design with HTML CSS, Thymeleaf and JavaScript
- Multiple group projects covering parsing a CSV, error handling the entries and uploading it to MySQL, creating an API and GUI to manage the created database, making an API and GUI for a pre-created MongoDB database as well as adding API and sign in security to the previous projects

### Evri

Durham, United Kingdom

Courier

July – September 2023

- Collecting and prioritising delivery of packs and parcels from a depot to their written destination

### HM Land Registry

Durham, United Kingdom

Temporary Customer Service Agency Staff

January – March 2023

- Receiving, allocating and responding to customer emails using my judgement to prioritise.
- Participating in and aiding with new computer programs in the workplace by providing useful feedback and testing.

### University of Exeter Market Place

Exeter, United Kingdom

Retail Assistant

November 2021 - July 2022

- Served customers on checkouts, as well as on the shop floor.
- Restocked shelves cleaned floors and relabelled items as required.
- Closing and opening of the various stores both in a team and on my own.

**Royal Mail***Christmas Casual Worker***Exeter, United Kingdom***December 2020*

- Sorting parcels, packages and letters.
- Assisted in loading and unloading lorries.

**University of Exeter Archery Club***Captain***Exeter, United Kingdom***May 2020 - July 2021**Squad Logistics Officer**September 2021 – March 2022*

- I was a major part of the organisation and general day to day running of the club as well as dealing with inclusivity and communicating with the Sports Management teams, whilst leaving time for my personal involvement in activities.
- This was done part time whilst I was studying at the university.

**Colchester Royal Grammar School***Lifeguard***Colchester, United Kingdom***May 2017 – September 2018*

- Working in a team to maintain a safe and fun environment in an open-air swimming pool.
- Cleaning and regularly testing the water conditions and making decisions on opening and closing the pool.

**Bricklayers Arms***Sous Chef, Waiter and Handyman***Little Bromley, Colchester, United Kingdom***June 2016 – May 2017*

- Cleaning, preparing and cooking various meats and vegetables to meet the set menu.
- Working in a team to keep on top of all schedules and provide a fast and efficient service to customers.
- Clearing and tidying of plants and flowers around the outside of the facility as well as performing general building work where necessary.

**SKILLS, HOBBIES AND ACHIEVEMENTS**

---

**Driving:**

Driving licence since 2018 and have my own car.

**IT:**

Programming Languages (Assembly, C, C#, MATLAB, Visual Basic and Python).

CAD software (Solidworks and Autodesk).

Understanding of version control using Git.

Proficiency in MS Office (Word, Excel, PowerPoint).

**Computer Construction:**

Planning, assembly and debugging of desktop computers for myself, family and friends.

Provided software and IT support both in my personal and work life.

**Tabletop Role Playing Games:**

Running and participating in tabletop roleplaying games with friends.

Preparing for multiple possibilities, providing in-depth and useful descriptions, developing my social skills and leadership through direction, and improvisation of new ideas and expansion of current ones to match the created world to the one desired by all those participating.

**Sports:**

Rugby for 8 years for both school and clubs. Including international competitions, captaining and providing training.

Archery for my university career. Including national, regional and local competitions.

Cricket for 13 years for both school and clubs. Including organisation and performing in regional competitions.

Water Polo and Swimming for 3 years for a club. Including regional competitions.

**Leadership roles:**

Chief Scout platinum award through volunteering and community help.

Silver and Bronze Duke of Edinburgh awards with the Scouts through a leadership role in all expeditions and dealing with organisation of the group.

Junior and then Senior Prefect at Sixth Form college and Captain of my schoolhouse. Organisation of events such as house assemblies, interhouse sports and song competitions. Creation of the college yearbook and participation in amending and updating school rules/legislation.

**REFERENCES AVAILABLE ON REQUEST**

---