

# RAFIK RABOUHI

Angmering | +44 (0) 7934527267 | rabor017@gmail.com |

## PROFILE

I am an ambitious and academically accomplished computer science student seeking to secure a position within the computer science industry. Committed to leveraging my academic background and technical skills to excel as a computer programmer. Possessing flexibility to work evenings, weekends, and holidays, I am reliable and adaptable, capable of delivering results that fit the needs of any employer. Demonstrating a strong work ethic, I approach challenges with a positive attitude and unwavering determination to surpass expectations and continuously expand my knowledge base.

## Education/Qualifications

### Cisco, Certified Network Associate

2024-Present

- Working toward getting a CCNA Cisco certification.

### University of Sussex, UK

2021-2024

- BSc (Hons) Computer Science, with Honours Second class.
- One of my key projects involved creating a website using HTML, PHP, CSS, with a focus on ensuring data security and safeguarding against cyber threats. The objective was to design a robust system that would protect the website from attacks while securing its data. This project demanded considerable expertise and effort to develop and implement an effective security framework. I utilised encryption, authentication protocols, and various security measures to ensure the site remained protected.
- As part of my Computer Security module, I have gained hands-on experience with AWS, including setting up and launching web services. I am familiar with AWS offerings, ranging from database management to security services and cloud storage.
- I gained practical experience using PuTTY to connect to the university's Unix server via SSH, where I learned and applied Unix commands for system navigation, file management, and process control. Using the bash shell to interpret and execute commands.
- I also worked on a project called 'Passo with AI', the main goal of this project was to apply machine learning techniques to develop an artificial intelligence (AI) system capable of playing the game of Passo at a high level of proficiency. Afterwards, I gave a presentation for my supervisor and the evaluators.
- In a module, I developed a machine learning model by analysing data and applying data modeling techniques to extract meaningful insights from the dataset. I divided the dataset into training and test sets. I implemented a classifier to categorize data accurately and performed model selection.
- During my university tenure, I actively contributed to a group project in software engineering aimed at reconstructing the Catan game in python programming language. This endeavor necessitated extensive teamwork and effective communication among all team members and time management and problem solving to achieve our objectives. Using Github to share and update the version for all the members to access through git. Also involved in performing the presentation to our evaluator.

### Angmering Sixth Form, UK

2019-2021

- Achieved the following grades at A Level: Maths(A), Computer Science (B) & Physics (C)

### Angmering School GCSE, UK

2017-2019

- Achieved the following grades at GCSE: Mathematics (8), Further Maths (A\*), Statistics (5), Computer Science (5), Engineering (Dist), English (4), Biology (4), Chemistry (4), Physics (6)

## Work Experience

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### FAB, UK

June 2024 – August 2024

- I began my role at FAB as a Web Development intern, gaining valuable exposure to the professional environment within the field of computer science.
- Designed and built a website for a startup, working closely with the team to understand business needs and improve communication skills
- Independently planned and executed the website's development, creating a clear roadmap and strengthening my organisational abilities
- involved making the website accessible for the clients, testing and debugging all the functionalities of the website, implementing and handling the SQL database, designing the website to be compatible with mobile, optimizing to improve performance, and solving any problem that has occurred.
- The Website is <https://fabbrighton.com>

### Angmering School, UK

Oct 2019- Apr 2020

- Volunteered as a class assistant for Year 10 students at The Angmering School, providing support and sharing my expertise with a diverse group of pupils.
- Volunteered to watch and assist in IT Support, troubleshooting and fixing computers. Gaining knowledge of computer's components and how to assemble and take apart a computer. Diagnosed hardware issues such as faulty RAM, hard drives, and power supplies, performing timely repairs to minimize classroom disruptions.

### Maryam's Kitchen, Angmering

Sep 2019- Sep 2021

- Worked as a Distributor at Maryams' Kitchen, where I handled the distribution of pamphlets to various locations. Collaborated with the team to coordinate delivery schedules and meet customer demands. Demonstrated strong organizational and communication skills to ensure efficient and effective distribution operations.
- Dealing with any admin and IT issues or computer troubleshooting that arised.
- As a cashier, I operated the EPOS system, taking customer orders and providing good customer service. Building relationships and resolving any issues with internal and external customers.

## COMPUTER LITERACY/ SKILLS

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Python, Java, C++, JavaScript.

HTML, PHP & CSS.

AWS Cloud technology and Security

SQL Databases

Unix, PuTTY, Bash, Linux.

Machine Learning.

Angular, WordPress, React, Django, Laravel.

Microsoft Office, Excel.

Networking, Switches, Routers, Configuration, IP addressing ,Troubleshooting.

Customer Services.

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## LANGUAGES

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Native English

## Activities and Interest

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A dedicated and committed sportsman with a passion for tennis, cycling, football and running, A passion for travel, technology and culture.

## REFERENCES

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Available on request.