Safia Shire

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| Github | LinkedIn

Personal Profile

A detail-orientated Biomedical Engineering graduate transitioning into tech through the Black Codher Web development Bootcamp. Built projects through all stages of the development cycle from wireframing to deployment. Achieved this by my ability to balance competing priorities and being adaptable, having worked part-time alongside the Bootcamp and university studies. Suited to a role where creative solutions can be applied to complex challenges, and there is a curiosity for innovation.

Technical Skills

- Languages: HTML5,CSS3 and Javascript
- Frameworks and tools: React JS, JSON, Node JS and MongoDB.

Key Achievements

- Developed TechitOn, a React App which allows a user to search for a web development Bootcamp.
- Constructed a visual tool tackling gender bias at companies for the Vodafone Diversity hackathon.
- Showcased a well-received campaign film about refugees to the Cabinet office. Secured funding through pitching to create 100 welcome backpacks for St Chad's sanctuary.

Education

Black Codher Web development Bootcamp   **3rd August 2020 - Present**

- A 30-week long full-stack programme focused on gaining technical skills in MERN stack technologies to become a web/mobile application developer.
- Planned and developed 2 web applications using Javascript and React JS framework.
1. TechitOn - Users can search for a coding Bootcamp that sends a query to the back-end with MongoDB.
2. Bookish - Users can search for a book using the Google API. User can also save and remove the chosen book from a bookcase.

Aston University   **September 2016- July 2019**

BENG Biomedical Engineering (2:2) - accredited by IMechE.

- Collaborated with peers to develop six technical group projects from ideation to software and hardware implementation.
- Projects included a 3D printed prosthetic, an Arduino powered breathalyser and pulse oximeter. Backed by theoretical knowledge and external research collected from stakeholders.
- Excelled in an optional 40 Credit Arabic language module.

Handsworth Wood Girls' Academy   **September 2008- June 2016**

- 11 A*-C GCSE's; including Grade A and B in Maths and English Language respectively.
- 3 A levels in Biology, Chemistry and Maths- **CCC** obtained.

Events/Courses

- Actively attend events by Black Codher and Code first girls to stay commercially aware.
- Continuously upskilling and reinforcing learning through Pluralsight, Udemy and Freecodecamp.

Employment/Work Experience

Warehouse operative, Amazon   **14th November – 31st December 2020**

- Efficiently picked and located large volumes of customer orders using hand-held technology into carts to meet time constraints.
- Oversaw quality control and ensured co-workers staged their carts in the correct locations.
- Assisted new co-workers with how to use the devices and how to complete tasks efficiently.

Parcel Sorter, Royal mail   **2nd December – 22nd December 2019**

Data analyst Intern, National Grid Smart   **6th August - 17th August 2018**

- Learned how to edit and scrutinise many BIA and BCP documents professionally.
- Compartmentalised financial data safely into manageable and well-referenced files.
- Enhanced my creativity by transforming collected data in department meetings into visuals.
- Conveyed initiative to ask for more experience whereby I worked with the finance department where I first explored business systems like IFS.
- Swiftly became efficient in using the IFS system and developed a standardised process on how to merge, delete, and update customer details for future team members.

Tutor, Excel Tuition Centre   **January 2017- June 2018**

- Showed quick adaptability by working with both GCSE and primary students in core subjects weekly by showing the same level of respect and dedication.
- Instilled a love for learning in the students by improving their engagement and confidence.
- Approached this by consistently encouraging students to overcome their difficulties through reliable listening and positive affirmations.
- Liaised with concerned parents to support struggling students by breaking down action plans with implementable steps to maximise their learning.

Interests

During my spare time, I compile video clips and photos to create video mementoes of special occasions and recipes I've tried to share with friends and family. I improved on my editing through online learning.