

# Mr Alaba Bajju

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## Experience

### Personal Projects

- Improving programming skills in the .NET ecosystem, particularly with developing C# console applications.
- Learning and developing web APIs, and usage of the ML.NET machine learning framework.
- Learned usage of parts of the Azure Cloud Computing platform, including setting up and managing Linux and Windows VMs, Blob Storage and running web servers on VMs.

### Quantum Insurance Brokers

#### IT Engineer

October 2023 - Present

- Worked with external contractors to ensure the website and email systems were running smoothly.

### Phisola UK

#### Founder

January 2020 - Present

- Presently developing a software service to let users backup online pictures and videos to a cloud platform automatically.
- Immediately after graduation proceeded on my Startup Visa to work on developing a consumer electronics device. A small "TV" as an accessory to the LEGO toy range.
- Improved skills in PCB Design, especially in the software KiCad.
- Improved skills in component selection keeping in mind requirements such as DFM, cost, efficiency and component availability.
- Improved CAD design skills as well as 3D Printing skills working with an SLA 3D printer.
- Worked with Microchip microcontrollers, especially the advanced 8-bit MCUs.
- Focused on techniques for efficiency improvements in DC-CD SMPS circuits.
- Gained experience on the product design choices involved in product development.

### Wellwall Construction Company, 18/20 Amara-Olu, Ikeja, Lagos,

July 2016 – August 2018

#### ICT Engineer

- Advice on needed computer equipment for purchase and set up of such equipment.
- Tasked with ensuring computer systems are running smoothly, troubleshooting as required

### National Youth Service Corps, NYSC

November 2013 – October 2014

#### Computer Teacher – Lagos State Government Secondary Schools

- Improved teaching skills and skills in relating and engaging young teenage students.
- Learnt about some of the challenges facing education in Lagos State.
- Learnt about the organization of a secondary school.
- Developed the curriculum of SS1 students in Computer Science.

**Microsoft UK, Reading, RG6 1WG****Microsoft Student Partner**

September 2012 - July 2013

- Improved programming and teamwork skills working with fellow students from across the UK.
- Developed and launched Windows Phone and PC applications.

**Swansea University, Swansea, SA2 8PQ****Engineering Student Ambassador**

October 2010 - June 2011, October 2012 – June 2013

Improved skills in assessing a crowd and finding people I believed would need assistance. Talked to prospective students to help them relax, while in a position of responsibility.

**Education****Brunel University, London, UB8 3PH**

September 2018 – September 2019

Biomedical, Biomechanics, Bioelectronics Engineering MSc

Distinction

- Research project on the electronic support system for an OOC (Organ On a Chip) microfluidics system.
- Was the course representative for the Biomedical, Biomechanics and Bioelectronics MSc programme.
- Gained knowledge on Product Design and regulation of medical devices.
- Gained skills in researching new topics and writing articles often on a time constrained basis.
- Gained knowledge on the range and importance of Quality Management Systems
- Gained skills on Risk Assessment and Management

Brunel University, London UB8 3PH

October 2018 – April 2019

Completed a Mandarin course at CEFR A1 level, with a grade of Excellent.

**Swansea University Swansea University**

September 2010 – July 2013

Electronics with Computing BEng

Second Class Lower 2:2

- First Year Course Representative and Engineering Student Ambassador.
- Learned circuit design and microcontroller programming,
- Learned the basics of Engineering Management

Department of Adult Continuing Education, Swansea University October 2012 – December 2012

Japanese Stage 1 Part 1 70%

10 Credits at Level 1

**Skills**

Programming – Intermediate: C#, C. Beginner: ASP.NET Core, Blazor

Electronics – Product Development: Circuit Design, PCB Design, Assembly of Prototypes, SLA 3D Printing.