

Providence Ezekwe

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Education

University of Birmingham, Birmingham, UK **09/2019 – Till Date**

BEng Mechanical Engineering

- [Expected Results- 2:1]
- Relevant Modules: (/Mechanical Design A/ LI Thermodynamics and Fluids/ LC Electrical Engineering/ Engineering mathematics 1&2/ LI Integrated Design Project 2/ LI Mechatronics and Control Engineering)

Liverpool International College, University of Liverpool, Liverpool, UK **01/2019 – 07/2019**

University Pathway Programme (Science and Engineering)

- [Overall Result- A]
- Relevant Modules: [Physical Sciences, B (60)/ Mathematics for Science and Engineering, A (79)/ Basic Engineering, B (65)/ Skills for Study, B(67)]

Charles Dale Memorial International School, Port Harcourt, Nigeria **09/2012 - 07/2018**

Secondary School Leaving Certificate

- WAEC: 9 subjects including Mathematics(A1), Physics(B2), Economics(B3) and Computer studies(A1)
- IGCSE: 6 subjects including English(A), Information and Communication Technology(B) and Mathematics(C)

Work Experience

Internship Experience: Engineering & Infrastructure UK, Remote, Birmingham **19/06/2021 – 21/06/2021**

Virtual Intern

- Attended virtual lectures from leading employers in the engineering industry. I was also given the opportunity to apply knowledge from the lectures into a project that required the interns to individually design a fully automated recycling system for PCB boards by using the design principles that was taught. This project required certain skills such as research, brainstorming, project management, hard work, fast learning, and application of information so that the design for the recycling system would be created.

Relevant Experience

Mechanical Design A, (Remote and In-person), Birmingham, UK **10/2020 - 01/2021**

- Designed, 3d modelled and created a manufacturing report for a small-scale two-stroke, compression ignition engine for use in an Unmanned Aerial Vehicle (UVA)with a team. It was to be used for exploration missions.
- Ensured a strong working and harmonious relationship with the project team; learned multiple new skills and terminologies associated with mechanical designing.

LI Integrated Design Project 2, Project managing (Remote), Birmingham, UK **02/2021 – 05/2021**

- Carried-out extensive research on hydrogen energy and recycling technologies.
- Built and maintained excel Gantt chart in order to track the team's progress and recorded attendance to meetings.

Technical Skills and Others

- Programming: Learning basic skills in JavaScript, Python, HTML and CSS (ongoing)
- Technical: Experience with Microsoft Office including Word, Power Point and Excel
- Languages- Intermediate German certification (Ongoing with plans to reach an Advanced level)

Achievements

- Received many midterm subject awards for excellence and distinction in Mathematics, Information and Communication Technology, Additional mathematics, Design Technology and Social studies.
- Awards: Received a high academic achievement award and a 2nd runner-up award for a team project.
- Awarded for high attendance and recognised as one of the most hardworking students in the class.

Extracurriculars and Interests

- In my spare time, I love to learn about the latest entrepreneurship and social media management skills.
- I also love to read novels, get involved in digital marketing, practice my 3D graphic architectural visualisation skills, carry out voluntary work for charities, and listen to music.