

Fausto Aguiar

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Personal statement

I am a Graduate student in electronic engineering field, I am driven by constantly evolving and adapting to different scenarios in life. Always seeking to help others, I found being flexible, optimistic, determinant, and approachable very positive way of working with others. I am looking forward to translating all knowledge acquired during my studies into work. As an active learner, I am constantly analysing different situations and through logical thinking, work towards the best-case scenarios. I strongly believe that communication is very important and key, especially when working as a team. Additionally, being part of a sports team during university improved my teamworking skill and leadership, as I occupied the captain position.

Education

University of the West of England, Bristol

(2017 – 2020)

BEng. (Honours) Electronic Engineering

Key Skills gained:

- Demonstrate knowledge and understanding of the fundamental principles governing the behaviour of electronic and digital systems and of the related mathematics.
- Analyse the behaviour of complex electronic, digital electronic or electrical systems.
- Demonstrate a capacity for innovative and creative design drawing on fundamental principles and proven systems to further develop and generate systems which meet required specifications.
- Apply engineering theory to practice and use advanced techniques of analysis, synthesis, and implementation in the field of electronic engineering or electrical engineering.

Notable Modules - (Microcontrollers Applications), (Control System Design), (Project Management), (Sensors, Transducers & Actuators), (Group Design and Integration Project).

Final year Project: Created a wearable fall sensor device prototype (programming and circuit design) for elders, with algorithms to detect falls using 3 axis accelerometers.

University of Glasgow (Glasgow International College)

(2015 – 2016)

International Foundation Certificate in Engineering

Kaplan English School, Manchester

(2014 – 2015)

Advance Level Certificate

Work Experience

Equipment and Safety Officer, UWE Volleyball Club. University of the West of England (Volunteer)

(April 2017 – April 2019)

- Create a spreadsheet to keep track of the club equipment, and resolve any issues regard equipment and safety measurements
- Sitting on regular committee meetings to discuss club related topics, on how to improve the club and discuss past issues.
- Effective communication skills.

Skills

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|---------------------------------------|--|
| • C/C++, Assembly, VHDL, Java, Python | • STEM skills |
| • PCB Design | • MS Project (Project Management) |
| • MATLAB/Simulink | • MS Office |
| • Power Systems CAD (PSCAD) | • Language – Portuguese and Spanish (intermediate) |

Hobbies & Interests

I have a keen interest in sports. I have played for UWE Volleyball Club during my time at university, were I have been awarded *Mentor of the year & Best Commitment*. Additionally, I am a music producer and fully enjoy the music production process, the ability to transform and manipulate different sounds is surely an amazing experience.

References

References available on request.