

Felix Offei | Curriculum Vitae

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To work as a statistical assistant, and help the statistics department in researching, collecting, compiling, and reviewing statistical data of various departments.

Previous Employment

- MyrtleEagle Company Limited** **Accra, Ghana**
Graphic Designer/Web Designer *July 2014–July 2015*
I was responsible for the graphic design duties and design of the company's website. I worked in a safety-oriented manner, often working alongside a group of designers with lots of technical experience. At the end of my work with the company my colleagues praised my work ethic.
- Cell Afrique** **Accra, Ghana**
Web Developer *2012–2013*
I worked for one year as a web developer and a team leader. I was often trusted with other jobs such as setting up meetings with clients, graphic designs, and updating client's websites. As a team leader I would delegate tasks to a team of about 5 people, often new staff who needed training, and lead the group to service. During this time I worked in a highly professional manner and was focused to provide excellent customer service, even during high stress demands and events.
- Holy Child High School** **Accra, Ghana**
Teaching Assistant *September 2011 - July 2012*
I spent a year working as an mathematics assistant as part of my national service experience, which is mandatory after undergraduate coursework. My roles included wiring plugs, tidying, and assisting with household electrical repairs and fittings.

Education

Academic Qualifications.....

- Lancaster University** **Lancaster**
Meng (Hons) Electrical and Electronic Engineering , Predicted First Class *2011–2015*
- Runshaw College** **Leyland**
A levels, ICT (A) Physics (B) Maths (B) *2009–2011*
- Southlands High School** **Chorley**
11 GCSEs, A to B Including Maths and English* *2002–2009*

Notable Projects.....

- Masters Project (Ongoing): 'Development of an Intelligent Humanoid Robot'**
I am part of a team developing a 5ft autonomous humanoid robot. This ambitious project requires strong team-working skills and high technical ability. I work well as part of the team, contributing in group discussions and taking initiative to set myself tasks when the next stage of the project is not clear. Given the role of electronics supervisor I am responsible for setting goals and ensuring all the electronic system designs are realised on time and meet the specifications of the project.

- **3rd year individual project:** *'Artificial Neural Network Approach to Source Localisation in Radiation Portal Monitoring'*

This challenging project took place over the entirety of my third year. It required excellent planning and organisational skills, and the ability to teach myself an entirely new and complex subject. The project was a success, with the system being able to localise a radioactive source down to 3cm within a 600m³ sensor array. This project has been suggested for publication by my supervisor.

- **Industrial Project with Leyland Motors Ltd:** *'Development of a Facility to Ensure the Achievement of Torque Parameters for a Specific Axle Configuration'*

In the 3rd year of my course I spent a week completing an industrial project for Leyland Motors. I worked with a team operating as consultants for a particular problem the company was having. During this project I was working in a professional environment, and co-operating with various managers and engineers to create a design that met the requirements of the problem.

Technical and Personal skills

- **Programming Languages:** Proficient in: C, C++, Python, Matlab, Arduino, TeX
Also basic ability with: Assembly, VBA, VHDL.
- **Industry Software Skills:** SolidWorks (Advanced), Matlab (Advanced), Ansys (Intermediate), LTspice (Intermediate), Most MS Office products including MS project and MS access (Advanced).
- **General Business Skills:** Good presentation skills, Works well in a team.
- **Other:** Good soldering and spot welding skills, Can write well organised and structured reports.

Interests and extra-curricular activity

- I was a "fresher representative" in my 2nd and 3rd years of university, this required me to guide, look after, and ensure that a particular flat of first years have a good time in their first week, and feel consoled in what for most of them is their first time living away from home. We were responsible for the safety and wellbeing of the group of first years during the first week, and during this time I made good friends with all of them.
- I am a member of a number of university societies. I was also the vice president and co-founder of the flash mob society. My roles in this included recruiting members, in which during "fresher's fair" we enlisted over 200 new members. This was regarded as very successful, considering other societies averaged around 50. I also appeared in an interview on the university television station, set up a society bank account, and helped organise the events. One of these events was featured in the local newspaper.
- I am also an avid hiker, having completed the national 3 peaks challenge last summer. Other interests include guitar, which I am self-taught, and home brewing.

References

- Up to 4 references available on request