

# Lalida Ellin Anegkana

## Education

### BEng Electrical and Electronic Engineering (September 2017 – Present)

Cardiff School of Engineering.

Queen's Buildings, 14-17 The Parade, Cardiff, CF24 3AA.

A first was achieved for the duration of the first and second academic year. The course consisted of a variety of electrical principles and applications including network analysis, communication systems, applications of programming, further mathematics, practical laboratory sessions, technical report writing, power engineering, and machines and electromagnetics. The laboratory sessions explored the use of analogue and digital communications systems as well as software controlled circuits. As a result of competent technical report writing, I was shortlisted for an internship assessment for National Instruments.

### BTEC Extended Diploma in Engineering (September 2015 – June 2017)

Neath Port Talbot College.

Dwr-y-Felin Road, Neath, SA10 7RF.

Through achieving a distinction in every module, a final grade of Distinction\*Distinction\*Distinction\* was awarded. Some of the completed modules include:

- Further Mathematics
- Principles and Applications of Electronic Devices and Circuits
- Programmable Controllers
- Computer Aided Drafting
- Electro, Pneumatic and Hydraulic Systems and Devices
- Primary Forming Processes

(and more)

### GCSEs (June 2014)

Dwr-Y-Felin Comprehensive School.

Dwr-Y-Felin Road, Neath, SA10 7RE.

A total of 9 GCSEs were attained including physics, biology, chemistry, and 2 languages.

## Employment History

### Technical Support Intern at National Instrument (July 2019 – June 2020)

At National Instruments, my daily responsibilities involved working with other engineers to help resolve technical challenges that they were facing. This ranged from solving coding and software problems, to troubleshooting hardware and system connections. During my time as an intern, I developed expertise in one of the company's software products. As a result, I was given the opportunity to teach the subject to other colleagues, visit customers onsite to pitch and demonstrate the product and deliver technical presentations on the topic. In addition, I was involved with larger scale projects that allowed me to control and manage budgets, tasks, people and deadlines.

## Team Member at Screwfix, Llandarcy (January 2017 – August 2017)

My role primarily focused on customer service. By appointing my previous experience in customer service positions, I focused my productivity on building customer satisfaction through developing rapport and trust. Furthermore, by setting personal goals in research and additional training, I remained updated with product knowledge and hence, was able to drive the projected sales. I was provided with thorough training regarding health and safety, warehouse standards and delivery duties, which I am able to apply to other roles that demand similar responsibilities.

## Crew Member at Mcdonald's, Briton Ferry (June 2015 – August 2016)

During the period of employment, I learned the importance of maintaining a positive and professional image. Much of my work revolved around team collaboration and consulting with unsatisfied customers. This allowed me to improve my negotiation, analysis and team collaboration skills. Due to my efforts in the workplace, I was offered a promotion that granted me the ability to train other colleagues.

## Personal Achievements

I am passionate about seizing opportunities both academically and other wise, and hence I was able to secure a Scholarship for my degree in Engineering at Cardiff University. As a result of my performance at University, my name was submitted to National Instruments as a recommendation. This lead to spending a year in industry working for National Instruments as a Technical Support Engineer.

In my first year of college, I was chosen to take part in a female STEM training activity, which spanned over 3 days. During these days, I was lucky enough to develop my interview skills, my professionalism and learn more about women in engineering and technology.

During my school years, I was a member of the student council for five consecutive years, a year representative in my final year of school, a member of the South Wales Crime Prevention Team and a member of the Children's Rights group for NPTC. Additionally, I have volunteered for community groups, such as Swansea Community Farm and Dyffryn Clydach Volunteers, as a part of my Bronze and Silver Duke of Edinburgh Awards.

In my spare time, I enjoy extending my knowledge in electronics and software engineering. For example, I built and programmed a mechanical keyboard from scratch. I also have an online portfolio, which I coded using HTML and JavaScript. The portfolio showcases some smaller coding projects that I've completed.

## Skills

- Programming (including HTML, JavaScript, LabVIEW, C++ and Matlab)
- Software and IT (including Solid Works, Circuit Wizard, COMSOL, MathCAD, DIAdem, TestStand and Veristand)
- Systems and platforms (including PXI, FPGA, Real-time and embedded systems)
- Adaptability and flexibility
- Initiative and leadership
- Team collaboration
- Ability to learn and absorb new information quickly
- Health and safety awareness
- Analysing and problem solving
- Time management and organisation

- Managing and controlling budgets, people and tasks
- Developing professionalism
- Presenting and teaching

## **References**

Available at request.