

STEVE CHIMA ONYENEKE

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EDUCATION

2010 – 2015 MEng (Electrical/Electronic); University of Aberdeen, UK (2:1 achieved)

Courses included: Communications Engineering I & II, C/C++ Programming, Computer & Software Engineering, Web Design, Electrical Power Engineering, Digital Electronic Systems, Control Systems, Signal Processing, Optical Systems, Mathematical Optimisation, Applied Numerical Methods, Safety/Reliability Engineering and Business Model Innovation.

Feb/Jun 2014 Erasmus Scholar Programme; Royal Institute of Technology (KTH), Stockholm, Sweden

Was selected by my University to conduct my master thesis project abroad, based on merit of my academic performance. This involved designing the dynamics and control models of an autonomous mini-helicopter. Coding & simulation were done using MATLAB/Simulink.

2011 – 2012 International Study Abroad; University of Illinois, Urbana-Champaign (UIUC), US

Awarded a scholarship to study abroad - selection was made sequel to a rigorous screening process which entailed outstanding academic performance and a panel interview. Courses taken included: Calculus II & III, Analogue Circuits & Systems, Computer Engineering and Physics. Also worked with a team of engineers on the electrification of a gasoline-operated vehicle.

2009 – 2010 Foundation Programme; Federal University of Technology, Owerri, Nigeria

Obtained a GPA of 4.75/5.0 with grades in the following subjects: Mathematics (A), English (A), Physics (A), Chemistry (A) and Biology (B).

2002 – 2008 Marist Comprehensive Academy (MCA), Uturu, Okigwe, Abia State, Nigeria

Was appointed Senior Prefect/Head boy of the school. This involved overseeing the activities of all the students to ensure smooth running of the school. Grades obtained in the 2008 WASSCE: Maths (A1), English (C5), Physics (B3), Chemistry (A1), Biology (B3), Further Maths (B3), Geography (B3), Technical Drawing (C5) and Igbo Language (A1).

WORK EXPERIENCE

Oct 2016 – Present Software Developer; Resoledge Limited, Lagos

- Work as part of a team to develop software programs and web-applications.
- Instructor at Resoledge IT Academy where I tutor students on programming in Go and Python.
- Also received training on the Internet of Things (IoT) and Cloud Computing.
- Work closely with the management to review current systems and present ideas for their improvement.

Jan 2016 – Oct 2016 NYSC Intern; Octopus Technologies & Services Ltd (OTSL), Lagos

- As part of the National Youth Service scheme, I worked as a field engineer to provide end-to-end energy, security, electrical and networking installation and configuration solutions to clients across the country.
- Also worked as a technical support engineer to diagnose, troubleshoot and identify solutions to customer issues with regards to our projects.
- Saved the company of costs incurred by hiring external specialists, about three weeks into the job.

June 2012 – Jan 2014 Sales Assistant; Sports Direct, Aberdeen

- Interacted with and sold sports retail products to customers from diverse backgrounds.
- Gained the ability to influence people while convincing customers to buy certain KPI products.
- Regularly commended by the management for outstanding performance in meeting such KPI targets.

June 2013 – Sept 2013 Graduate School Intern; University of Aberdeen

- Developed a model which predicted and determined the fundamental factors affecting the arrival of an applicant at the University. Used MS Excel and Matlab in the model analysis, programming and design.
- Liaised regularly with the Vice Principal/Head of the College and other senior members of staff; whilst offering recommendations on how to enhance successful applicant 'conversion'.
- Received commendation from the Head of College for completion of the project well before the deadline and for excellent presentation delivered to a wide range of multidisciplinary audience.

SKILLS

IT

- **GO, Python, Git, HTML, CSS, JavaScript, JSON, Docker** : currently use for the front and back-end design of web apps. Also familiar with the use of **BoltDB, PostgreSQL** and **In-Memory** databases.
- **C/C++**: Programming courses at University where I employed them in several tutorials/exercises.
- **Matlab/Simulink, SolidWorks**: Used extensively in some of my courses and internship at University.
- **Wireshark, VMware, PuTTY**: Used during my CCNA training (June – Aug 2016) and at work for CWG.
- Received training on **C#** & database programming using **MS SQL** from MS Virtual Academy (July 2015).
- **CompTIA N+, Security+** and **CCNA** certification courses at New Horizons Learning Center, Lagos.
- Most of my spare hours involve solving computational problems via programming – ProjectEuler.net

Communication

- My travel abroad and work experience so far has allowed me to effectively interact with individuals of diverse language, culture and background. This has greatly enhanced my oral and listening skills.
- Acquired excellent written skills via regular writing of reports and presentations.

Teamwork

- Able to effectively work alone or as part of a team as required. Worked mostly alone during my internship at the University and as part of a diverse team at Resoledge, OTSL and Sports Direct, Aberdeen.
- Experienced in both individual and group projects and presentations as part of my current job.

Analytical/Problem Solving

- Programming has provided me with the ability to gather information systematically, learn quickly, identify problems in model designs and introduce effective solutions.
- Solving particularly the Finacle Network Issue at Fidelity Bank in Feb-March 2017 enabled me to identify new ways of achieving desired objectives based on analysis of current conditions.

Flexibility/Adaptability

- Studying abroad has also enabled me adapt successfully to changing environments.
- Working with OTSL in various locations across Nigeria, has enabled me take on new challenges at short notice and respond positively to changing situations.

INTERESTS AND ACHIEVEMENTS

Positions of Responsibility

- Appointed platoon leader (215 platoon members) in the 2015 Batch B NYSC orientation camp. Was responsible for overseeing platoon activities and liaising between the management and platoon members.
- Elected as an Academic Representative in my 1st and 5th years at the University. These involved noting my fellow students' opinions and complaints and speaking on their behalf at staff-student liaison meetings.

Awards

- Presented with the 2015 STAR (Students Taking Active Roles) Award for effectively combining my role as a society committee member at the University with my degree studies. Also received the Enterprise-Rent-a-Car award for commendable STAR Award interview.
- Represented Nigeria at the Face of The World 2017 international contest in the UK and placed 3rd overall.
- Presented with a certificate of honourable mention in the 7th Annual International Essay Contest organized by GOI Peace Foundation, Japan.

Sports

- Was part of the University's basketball and table-tennis teams. Represented the University in the 2012/2013 British Universities and Colleges Sport (BUCS) basketball league.
- I also played in the 2014/2015 Aberdeen division football league and play chess on a regular basis.

Dance

- Weekend Latin Dance Instructor (Salsa, Bachata) at the Oakwood Institute, Lagos.

REFEREES

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