Osman Dumbuya
SOFTWARE DEVELOPER

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PERSONAL STATEMENT

Analytical, results-driven engineer looking to progress into software engineering with a growing foundation of expertise in all facets of agile software development for the web. Currently pursuing a Bootcamp certification in Front-end development, dedicated to improving and maintaining up-to-date knowledge of emerging industry technology and tools.

Proven history of success operating in independent and collaborative environments, utilising proactive communication to consistently achieve project milestones while adhering to strict client specifications. Strong emphasis on continuous improvement, able to devise creative and simplistic technical solutions that maximise efficiencies, increase productivity, and optimise end-user experiences.

Areas of Expertise:

- Collaborative Communication
- Test Driven Development
- Engineering Project Support
- Agile Software Development
- Technical Troubleshooting
- Quality Assurance & Control
- Time Management & Prioritisation
- Documentation & Reporting

TECHNICAL PROFICIENCIES

Programming Knowledge: HTML 5, CSS 3, Bootstrap, JavaScript, ES6, Git, React, NodeJS, Python*, C/C++*; Objective-C*; MATLAB*

Software Tools: Visual Studio Code; GitHub; GitLab; Figma; MS Office Suite (Project, Word, Excel, PowerPoint), Building Information Modelling, Autodesk Revit

*Note: * = Working Knowledge*

EMPLOYMENT HISTORY

MOTT MACDONALD LTD | Bristol, UK   1/2021 to Present
<u>Graduate Electrical Engineer</u>

Support wide-ranging building services projects in collaboration with multidisciplinary colleagues and senior engineers; maintain open channels of communication with diverse teams at all levels to effectively define and achieve client specification.

Key Achievements:

- Leading the delivery of earthing and bonding design of multiple High Speed 2 rail infrastructure assets in compliance with legislative, safety and technical requirements. Streamlined real-time collaboration tool to increase project delivery by up to 15%.
- Partner with commercial team to develop innovative project forecasting dashboard aligned with client expectation to cut costs by 7%.

PRECISION VARIONIC INTERNATIONAL LTD | Swindon, UK   6/2019 to 12/2020.
<u>R&D Engineer – Intern</u>   9/2017 to 8/2018

Designed and developed high voltage switching systems for wide-ranging EU funded projects and experiments in collaboration with department-wide colleagues and senior engineers.

Key Achievements:

- Prioritised continuous process improvement initiatives; developed novel techniques yielding 70% increase in micro-nozzle production with 50% reduction in production lead times.
- Crafted novel system to automate temperature shock exposure tests on coated substrates; increased operational efficiencies by 90% and reduced labour needs by 70%.

EDUCATION

Skills for Life Boot Camp in Front-End Web Development – In Progress, Anticipated March 2023
edX TRILOGY SKILLS BOOT CAMP | UK
Key Areas of Focus: User Experience (UX) Design, Agile Development, , Server-side and Third-party APIs , Object-oriented Programming, Test Driven Development, Deployment, Project Demonstration and Storytelling

MEng (Hons) Electronic & Electrical Engineering (IET Accredited) – June 2020
UNIVERSITY OF LEEDS, School of Electronic and Electrical Engineering | Leeds, UK
First Class Honours