OSCAR WAKA

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SKILLS

Programming:	Python, JavaScript (ES6), Java, MQL4
Web Technologies:	HTML, CSS, Bootstrap, React JS, Redux, EJS, jQuery, Express JS, Node JS
Database:	MongoDB, Postgres, MySQL
Data Analysis:	NumPy, Pandas, Matplotlib, Scikit-learn
Others:	Jira, Git, Gitlab, AutoCAD, Heroku, Agile (Scrum)

EDUCATION

University of Waterloo, *Waterloo, ON*   December 2020
Masters of Engineering in Electrical and Computer Engineering **(Distinction)**
Graduate Certificate in Business and Entrepreneurship

Covenant University, *Ota, Ogun*   July 2017
B.Eng, Electrical and Electronics Engineering **(First Class Honors)**
Diploma in Leadership Development

WORK EXPERIENCE

Algorithmic Trader - Part-time, Quantis Africa, Lagos, Nigeria   January 2019 – Present
- Actively work with a team of developers and traders to create financial trading algorithms for the forex and stock market.
- Secured a $25,000 seed funding based on the performance of the trading algorithms developed in MQL4.
- Increased the accuracy of trading algorithms by 15% by improving the adaptability of the trading strategy.
- Improved the quality of the statistical model used in implementing trading strategies by 35%, using technical and fundamental concepts.

Software Engineer, Seamfix, Lagos, Nigeria   October 2017 – December 2018
- Worked in a cross-functional team to implement new features and update existing features on verified.ng, using Java EE.
- Improved MTN sim registration field operations by 10% by implementing a falsely name detection machine learning algorithm using python.
- Worked on BioSmart WebApp (which is an online digital capturing platform) front-end development using angular to implement mockups and consume APIs, which improved business operations by 25%.
- Worked on SimROP front-end and back-end development using Java EE, Hibernate, and JSP.

Engineering Intern, NETCO, Lagos, Nigeria   January 2016 – June 2016, May 2015 – June 2015
- Update Existing IFC documents and drawings to meet Construction requirement.
- Participate in Review of Electrical and Instrumentation (E&I) Construction Scope of Work, E&I System Description Manual and E&I Tie-in Plan.
- Prepared Detailed Engineering Design Electrical Deliverables.
- Updated FEED documents and drawings to meet detailed engineering requirement.

PROJECTS

Web Projects
Find-Campgrounds
- Developed an application to find campgrounds within an area, and give feedbacks, using HTML, CSS, EJS, Bootstrap, Express JS, Node JS, MongoDB, etc.

Burger Order Simulation
- Developed an interactive online burger ordering application, using React JS, Redux, CSS, Firebase, etc.

Portfolio
- Created a personal portfolio, which highlights my projects and experiences using HTML, CSS and JavaScript.

Academic Project
TWF (Teachers without Frontiers)
- Part of a team that improved an online library for grade VI and VII science students in remote areas of Pakistan, using their respective national curriculum. This increased student's access to relevant resources by 20%.

Data Link Impairment Virtual Simulator
- Developed a virtual simulator with a friendly GUI using JAVA, to visualize, experiment and simulate the effects of impairments in a communication channel.

LEADERSHIP AND AWARDS

- **AEIES** (Association of Electrical and Information Engineering Students), *Ota, Ogun*

Academic Officer   January 2015 – April 2015, August 2016 – April 2017
- Ensured all programs strived to achieve set goals and performance objectives.
- Facilitated and led tutorials for undergraduate level students.

Secretary   August 2015 – April 2016
- Supported the president of the association in ensuring the smooth functioning of the management committee.

- Award of excellence by the department of Electrical and Information Engineering for graduating with a first class honors.
- Agbami Medical & Engineering Professional Scholarship recipient.
- Certificate of recognition for reporting a significant U-See U-Act with a potential to cause harm, awarded by ExxonMobil and NETCO, on the QIT Power Distribution Upgrade Project.

VOLUNTEER EXPERIENCE

ECE Mentorship Program, *Waterloo, ON*   August 2020 - December 2020
- Providing a welcoming environment, and helping new graduate students integrate into graduate life and activities.

Happy Feet Campaign, *Lagos, Nigeria*   December 2014
It was a charity campaign aimed at given flip-flops to less privileged children.
- Participant: Member of the planning committee.

CERTIFICATION

Udemy: The web developer Bootcamp, React - The Complete Guide, Complete Python Bootcamp, Python for Data Science and Machine Learning.