

VICTOR OZOH

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ROBOTICS SOFTWARE ENGINEER

Demonstrated knowledge in Machine Learning, Statistical methods and Deep Neural Networks. Experienced using object-oriented software design principles through implementation of application software for Clyde Bergemann using proprietary Camos Develop IDE. Proactive in taking the initiative to drive projects that increase organizational effectiveness, improve system performance, and boost operational output. Strong analytical, and project management competencies with a focus on achieving deadlines and maintaining highest quality performance. Currently studying for a Masters in Robotics at Northwestern University.

CORE COMPETENCIES

- Engineering
- Algorithms
- Testing
- Software Engineering
- Electrical Engineering
- Mathematics
- Robotics
- Research
- Machine Learning
- Data Analysis
- Documentation
- Software Development
- Automation
- Reporting

PROFESSIONAL EXPERIENCE

MCHUGHSON

2017 – 2018

MACHINE LEARNING ENGINEER

Recruited to provide expertise for design and coding of highly scalable, machine learning applications processing large volumes of data. Co-develops data analysis tools and techniques for logistics and futures processing. Utilized AWS and implemented rules and logging systems in AWS Cloudwatch. Effectively managed cradle-to-grave project lifecycles on small, medium, and large complex projects, including controlling and optimizing projects.

- **Instrumental in 25%+ reduction in project completion time** by co-developing data analysis tools and techniques for futures processing.
- **Boosted efficiency and reproducibility in company's data preparation processing while also streamlining data storage and processing pipelines** by utilizing Boto3 to interact with the S3 and EC2 services.
- **Regularly interfaced with key stakeholders regarding project scope expectations and timely / accurate project deliverables** while successfully meeting all established timelines.

CLYDE BERGEMANN POWER GROUP

2013 – 2015

SYSTEMS DEVELOPMENT ENGINEER

Used Camos software to develop and implement software tools, enabling Application Engineers to streamline operations by automating various tasks. Contributed insights in formulating concepts and technical reporting for Pneumatic Conveying R&D. Analyzed Particle Trajectories and velocities in Pneumatic Conveying using Python Pandas library.

- **Developed Clyde Bergemann Configurator tool, sold by company for over \$200K.**
- **Performed risk management functions**, managed change requests, formulated action plans, monitored quality, and ensured meeting all project milestones and deadlines.
- **Effectively managed cradle-to-grave project lifecycles**, including controlling and optimizing projects.
- **Successfully troubleshooted various project management roadblocks** while seamlessly coordinating all project scheduling, communication, and asset management issues.

EDUCATION | CERTIFICATIONS | TRAINING

MSC ROBOTICS, NORTHWESTERN UNIVERSITY

MSC ELECTRICAL AND ELECTRONIC ENGINEERING, UNIVERSITY OF GLASGOW

BENG ELECTRONIC AND COMPUTER ENGINEERING, FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI

Certifications: General Assembly Data Science certificate

Udacity Deep Learning Foundations Nanodegree certificate | UT Austin Full Stack Web development certificate

CompTIA Network+ | CompTIA Security+

TECHNICAL PROFICIENCIES

Programming Languages: Python, C++, MATLAB | Machine Learning Libraries: Scikit-Learn, Tensorflow, Keras

Data Analytics/Scientific Libraries: Pandas, Numpy, SQL

Web Development: HTML, CSS, Javascript, JQuery, Bootstrap, Nodejs, Expressjs, Flask, AWS

Robotics: OpenCV, Robot Operating System(ROS)