

Taofeek Obafemi-Babatunde

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OBJECTIVE

Certified DevOps specialist looking to impact and contribute to the software industry in the best way possible

SKILLS

Programming Languages: C#, Qiskit, QASM, Python, JavaScript, MySQL, PowerShell, Solidity, TypeScript

Libraries & Frameworks: Kivy, NumPy, Pandas, OpenCV, Expo.js, Node.js, NativeScript

Tools & Platforms: Google Cloud Platform, Amazon Web Services, Docker, Microsoft Azure, Netlify, Heroku, Git

RELEVANT EXPERIENCE

Microsoft Corporation

Redmond, WA

Software Engineer, Cloud & AI

Summer 2021, January, 2022 – Present

- Adding a new feature to the Microsoft Graph SDK for PowerShell
- Improving the DevOps experience of Microsoft Graph for PowerShell users
- Contributing and making improvements to the Microsoft Graph API
- Providing support for customers across multiple regions worldwide

International Business Machines Corporation

Baltimore, MD

Graduate Quantum Researcher

December, 2020 – May, 2022

- Contributed to various qiskit projects hosted on Github such as the Quantum Dice, Quantum Image Processing, and Qonway's Game of Life
- Contributing to Retworkx: a general purpose graph library for python3 written in Rust to take advantage of the performance and safety that Rust provides.
- Exploring and detailing significant advances regarding improving the depths of Shor's Algorithm for factorization of complex demi-prime numbers.

Data Engineering and Predictive Analytics Laboratory

Baltimore, MD

DevOps Engineer

May, 2020 – December, 2021

- Developed a Python-based application for automated segmentation of data pulled from an API in preparation for a Machine Learning model.
- Maintaining a cloud database and CI/CD pipeline that implements an autonomous coalition of data from social media platforms on a daily basis.
- Successfully disambiguated and demonstrated a network graph showing relationships between multiple users with a 90% accuracy.

EDUCATION

Morgan State University

Baltimore, MD

BSc + Electrical and Computer Engineering

May, 2020

MEng + Electrical and Computer Engineering

May, 2021

MSc + Computer Science: Advanced Computing

December, 2021

PROJECT WORK

nodeShoraa Cloud Computing Applications

November, 2021 – December, 2021

- A web and mobile application that tracks and compares cryptocurrency and stock prices.

Shor's Algorithm Introduction to Quantum Computing

October, 2020 – January, 2021

- Improved previous versions of Shor's algorithm to accommodate factoring three digit demi-primes with a 75% accuracy.

Miscellaneous Projects

August, 2016 – April, 2020

- Designed an effective low-cost music player which can be controlled with minimal speech or physical interaction and addresses basic functions suited for patients diagnosed with Parkinson's disease.
- Developed a fingerprint-based attendance system as a replacement for attendance and time logs that reduces resources used by 40% and increased accuracy by 70%

HOBBIES

Skating, Biking, Hiking, Photography, Digital Painting, Visiting Art Exhibitions