Taofeek Obafemi-Babatunde

taofeekobafemibabatunde@gmail.com | github.com/FehintolaObafemi | www.fehintolaobafemi.com

---

OBJECTIVE

DevOps specialistlooking to impact and contribute to the software industry in the best way possible

SKILLS

Programming Languages: 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

International Business Machines Corporation — Baltimore, MD
Graduate Quantum Researcher — December, 2020 − Present
- 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