

Ekenedilichukwu Illoh

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EDUCATION

Cornell University

Major: Master of Engineering in Computer Science

New York, NY

Anticipated Graduation: May 2023

Drexel University

Major: Bachelor of Science in Electrical Engineering

Minors: Computer Science, Business Administration

Philadelphia, PA

Graduated: June 2022

Cumulative GPA: 3.90

WORK EXPERIENCE

Amazon Web Services

Incoming Software Development Engineer Intern | September 2022 to December 2022 New York, NY (Remotely)

BlackRock Inc.

Software Engineering Summer Analyst | June 2022 to August 2022

New York, NY

- Created a powerful coding assistant, Compute Guru, that seamlessly integrated into Jupyterlab extensions for internal BlackRock Developers
- Designed the seamless user interface for the Jupyterlab extension frontend using TypeScript, HTML and CSS
- Leveraged Kubernetes in the backend to create config maps that supported features like code completion and used Golang Viper Watchers to automatically update the backend

BingeBuilderX Inc.

Software Engineer Intern | June 2021 to August 2021

Rehoboth Beach, DE (Remotely)

- Researched Blockchain Infrastructure service providers to determine which provider the Company should use
- Built small scale proof of concept NFT drop, smart contract and NFT marketplace using Python and PHP

PECO, An Exelon Company

Transmission Engineer Coop | May 2020 to September 2020

Philadelphia, PA (Remotely)

- Developed a Python script for updating database files; improved efficiency of analysis by 50% and reduced manual file searches by 80%
- Developed transmission simulation models and performed power system analysis for the Transmission Systems department using Power BI; achieved 70% accuracy

PROJECTS

Compute Guru @ Intern Project for BlackRock Inc.

June 2022 to August 2022

- Built a powerful coding assistant used internally by BlackRock developers with the following features: Code explanation, Code completion and Code debugging
- Technology: TypeScript, Golang and Kubernetes

LBPAlert @ Senior Design Project for Drexel University

September 2021 to June 2022

- Co-Developed a mobile application for monitoring the health of a users' lower back muscles and works with a wearable device worn by a user. I worked on the front-end of the app
- Technology: Flutter and Dart

SKILLS

Programming: Python, Flutter/Dart, R, HTML/CSS, C++, SQL, BASH, JavaScript, TypeScript, Golang, Kubernetes

Technologies: Visual Studio Code, Microsoft Office Suite, Jupyter Notebook, GoLand

Relevant Coursework: Advanced Programming Techniques, Data Structures and Algorithms, Advanced Python Programming, Intro to Computer Graphics, Machine Learning, Web Development