

## Ekenedilichukwu Illoh

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### EDUCATION

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#### Drexel University

**Major:** Bachelor of Science in Electrical Engineering

**Minors:** Computer Science, Business Administration

Philadelphia, PA

**Anticipated Graduation:** June 2022

**Cumulative GPA:** 3.91

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### WORK EXPERIENCE

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#### 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 implement
- Built small scale proof of concept NFT drop, smart contract and NFT marketplace using Python and PHP
- Reviewed API documentation to determine the most efficient blockchain for the company to use

#### 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
- Assisted in the planning and operation of PECO transmission facilities

#### PECO, An Exelon Company

*Business Analyst Coop* | April 2019 to September 2019

Plymouth Meeting, PA

- Performed detailed analysis of daily outage data searching for irregularities and prepared comprehensive reports to support business operations
- Created and presented performance reports using MS Access and PowerPoint to analyze the progress of department work

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### PROJECTS

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#### NFT Proof of Concept @ BingeBuilderX

July 2021 to August 2021

- Created an NFT to mint future sales of a music album to be sold on Alchemy
- Technology: Python and PHP

#### Arduino-based Digital Clock @ Google Inc. Hardware Product Sprint Program

May 2021 to August 2021

- Designed and fabricated a custom PCB in CAD, assembled, and tested it in Google's makerspace. Designed my own clock using microcontrollers, breadboard prototyping and testing
- Technology: Arduino and Ki Cad

#### Personal Expenses Application @ Personal Project

April 2021 to June 2021

- Co-Developed a mobile app that helps a user record expenses over a certain period, the app also features an interactive form, an expenses chart, and an expenses list
- Technology: Flutter and Dart

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### SKILLS

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**Programming:** Python, MATLAB, Flutter/Dart, R, HTML/CSS, C++, SQL, Arduino, BASH, JavaScript, PHP

**Technologies:** Visual Studio Code, Microsoft Office Suite, AutoCAD, Fusion 360, Multisim, WordPress

**Relevant Coursework:** Advanced Programming Techniques, Data Structures and Algorithms, Advanced Python Programming, Intro to Computer Programming, Math Foundations of Computer Science

**Activities:** Alum – CodePath Intermediate SWE course, 2021; Participant – Google Hardware Product Sprint, 2021; Technical Outreach Chair – Drexel National Society of Black Engineers, 2020 to Present; Member – Drexel Institute of Electrical and Electronic Engineers; Member – Drexel Men's Club Soccer Team