





CHRISTINE ONITA

 christineonita | onitachristine@gmail.com |  christineonita |  christineonita
 267-496-9939

EDUCATION

Drexel University, Philadelphia, PA

Sept 2018 – (expected) June 2023

B.S. in Electrical Engineering (minor in Software Engineering)

Cumulative GPA: 3.5/4.0

- **Relevant Coursework:** Data Structures, Advanced Programming Tools and Techniques, Software Specification and Design, Software Architecture, Software Engineering and Development (Test Driven Development), Calculus (I, II, III), Multivariate Calculus, Discrete Mathematics

SKILLS

Languages: Java, Python, JavaScript (Node.js, React.js), C, HTML/CSS

Tools/Frameworks: Gitlab CI/CD, GitHub, Visual Studio Code, Gradle, Junit

Operating Systems: macOS, Windows, Unix

WORK EXPERIENCE

Drexel University

Sept. 2022 - present

Academic Center for Engineers (ACE) Tutor

Philadelphia, PA

- Conducted one-on-one tutoring sessions for first- and second-year undergraduate students in various engineering and mathematics courses
- Gave remote instruction to help them understand complex topics for quizzes and exams
- Explained concepts to help students with lab assignments and homework

PJM Interconnection LLC

April 2021 – Sept. 2021

Reliability Engineer – Intern

Philadelphia, PA

- Scheduled/dispatched generating units and administered the power interchange transactions with other area within the Eastern Interconnection per NERC Reliability standards.
- Monitored and controlled the loading on the bulk power transmission system and
- Maintained acceptable voltage profiles and monitored/operated the IDC (Interchange Distribution Calculator) and RCIS (Reliability Coordinator Information System)

PECO, An Exelon Company

Sept. 2019 – March 2020

Configuration Management Engineer – Intern

Philadelphia, PA

- Involved in PECO's ongoing effort to maintain a high standard of service reliability to all 706,000 residential, commercial, and industrial customers in the city and county of Philadelphia
- Identified and addressed power quality and reliability issues
- Tracked performance and maintenance costs of aging equipment as a basis for proactive replacement
- Kept watch on and relieved overloaded equipment before service interruptions occurred

PROJECTS

Bank Software Design | [Link](#)

- Designed and developed a bank software system using Test Driven Development allowing users to create checking - as well as savings and CD – accounts and perform tasks such as deposit, withdrawal and output which shows the details of open accounts
- Developed test cases for the software
- Utilized – Java, Gitlab CI/CD, Gradle, Junit

E-commerce Website | [Link](#)

- Project in progress
- Building a full-stack electronic commerce website to allow users select and purchase items to be shipped to addresses they provide
- Utilized – JavaScript, Node.js, React.js, HTML/CSS, GitHub for code management