Christine Onita

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EDUCATION

Drexel University, Philadelphia, PA   Sept. 2018 – (expected) June 2023
Bachelor of Science 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

WORK EXPERIENCE

Academic Center for Engineers (ACE) Tutor   Sept. 2022 - present
Drexel University   *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

Reliability Engineer – Intern   April 2021 – Sept. 2021
PJM Interconnection LLC   *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
- Maintained acceptable voltage profiles and monitored/operated the Interchange Distribution Calculator (IDC) and Reliability Coordinator Information System (RCIS)

Configuration Management Engineer – Intern   Sept. 2019 – March 2020
PECO, An Exelon Company   *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 | *Java, Gradle, JUnit, GitLab CI/CD* | Link   March 2022 – June 2022

- 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

Survey Taking System | *Java, Github* | Link   September 2022 – December 2022

- Designed a generic console-based survey/test taking system that also allows users to create surveys and tests consisting of different types of questions (true/false, multiple choice, essay, short answer, matching and valid date)
- Added grading functionality to tests which are calculated and shown to the user when one is taken
- Incorporated survey/test storage (along with their responses) with the use of serialization which was used to tabulate feedback

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, C, C++, HTML/CSS
Developer Tools/Frameworks: Git, JUnit, Gradle, VS Code, PyCharm, IntelliJ
Operating Systems: macOS, Windows, Unix