Mary Amartey

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EDUCATION

Oberlin College, GPA: 3.65   **Oberlin, OH**
Major: Bachelor of Arts, Computer Science   Expected Graduation: May 2023
Relevant Coursework:
Introduction to Computer Science, Data Structures, Systems Programming, Algorithms, Discrete Mathematics, Intro to Statistics, Theory of Computation, Introduction to Computer Architecture and Programming Abstractions.

EXPERIENCE

Codyssia   **Remote Work**
Summer Intern   06/2022- present
- Developed web applications to enhance the flow of information for non-profit organizations using HTML and CSS for UI with Laravel framework for php and Livewire for backend architecture.
- Worked with a database management system, tableplus and mySQL to store, manage and access company data.

Oberlin College Computer Science Department   **Oberlin, OH**
Student Research Assistant   07/2020 – 08/2020
- Performed statistical analysis on series of research papers focused on retaining Computer Science students.
- Produced reports on effective practices to retain students in Introductory Computer Science classes.

Western Reserve Land Conservancy   **Oberlin, OH**
Student Research Assistant   09/2019 – 12/2019
- Conducted meticulous research to identify medicinal and foraging information on specific plant samples.
- Complied research data to create representative graphs and charts highlighting results for presentations.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Marginalized Groups In Computer Science: Treasurer   02/2022- 06/2023
- Managed the organization's semesterly budget and ensured accurate expenditure records.
- Acted as a liaison between my organization and the Student Finance Committee for approval for expenditures.

Goldman Sachs Virtual Experience Program Participant   10/2020 – 10/2020
- Participated in Goldman Sachs Experience Program and completed a task on cracked leaked password database.

Oberlin Business for Life Program   12/2019 – 01/2020
- A selective program providing education in finance, business operations and professional development skills.

PROJECTS

- Designed a personal portfolio website highlighting relevant work using HTML, CSS and React
- Collaborated in a team to implement a digitized Cartesian chase game by utilizing compound data types in C++.
- Worked in a team to design an application using Flutter and Android Studio to display on-campus dining menus.

SKILLS & INTERESTS

- Computer: TablePlus, Microsoft Office (Excel, Word, PowerPoint& Outlook), Google Docs.
- Languages: Proficient in Java, Python, RStudio, CSS, HTML, C++, Git, SQL, laravel, PhP, Livewire, Javascript, React
- Campus and Community Involvements: Oberlin Student Co-operative Association, African Student Association.