

# Mary Amarte

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## SKILLS

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- Proficient in Java, Python, Javascript, Git, MySQL, laravel, PHP, React, CSS, HTML, Vue, C++, RStudio
- Computer: TablePlus, Microsoft Office (Excel, Word, PowerPoint), Google Docs, Figma, Canva, Firebase.

## EDUCATION

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### Oberlin College

Oberlin, OH

Major: Bachelor of Arts, Computer Science

Expected Graduation: May 2023

**Relevant Coursework:** Intro to Computer Science, Data Structures, Systems Programming, Algorithms, Discrete Mathematics, Intro to Statistics, Theory of Computation, Intro to Computer Architecture, Programming Abstractions, Machine Learning and Privacy and Social Networks.

## EXPERIENCE

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### Codyssia Software

Remote Work

Junior Full Stack Developer

06/2022- 12/2022

- Created [web applications](#) to improve the flow of information for non-profit organizations, using HTML and CSS for the user interface and the Laravel framework for PHP and Livewire for the backend architecture.
- Leveraged experience with MySQL to efficiently handle data management tasks.
- Developed in-app chat application using Vue.js and Firebase's authentication and database services for real-time messaging and data storage.

### Oberlin College Computer Science Department

Oberlin, OH

Student Research Assistant

07/2020 – 08/2020

- Conducted statistical analysis on research papers examining the retention of Computer Science students.
- Generated reports on successful strategies for retaining students in Introductory Computer Science classes, which were utilized to shape the syllabus for the subsequent academic year.

### Western Reserve Land Conservancy

Oberlin, OH

Student Research Assistant

09/2019 – 12/2019

- Conducted in-depth research to uncover medicinal and foraging information on specific plant samples.
- Compiled research data to create representative graphs and charts to highlight results for presentations.

## LEADERSHIP & PROFESSIONAL DEVELOPMENT

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### Marginalized Groups In Computer Science: Treasurer

02/2022- 06/2022

- Managed the organization's budget and verified the accuracy of expenditure records.
- Served as a liaison between my organization and the Student Finance Committee for approval of expenditures.

### Oberlin Business for Life Program

12/2019 – 01/2020

- Participated in a selective program that offered education in finance, and professional development.

## PROJECTS

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- 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.
- Participated in Goldman Sachs Experience Program and completed a task on cracked leaked password database.