

Taina Malave

SOFTWARE ENGINEER

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Education

State University of New York at New Paltz

New Paltz, NY

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Aug. 2017 - May 2021

- **Courses Completed:** Object Oriented Programming, Advanced Data Structures, Assembly Language and Computer Architecture, Discrete Mathematics

Experience

Benjamin Center for Public Policy

New Paltz, NY

SOFTWARE ENGINEER INTERN

Jan. 2021 - May 2021

- Acted as lead developer to implement an inventory database for a local fire department.
- Planned and designed an inventory and information system from beginning to end, including mockups and designs.
- Created a system that allows the fire department to store their inventory and personnel and search through their inventory in a simple but efficient way.

Skills

Languages HTML, CSS, Javascript, Python

Technologies React, Flask, SQLITE3, MongoDB, Git

Projects

St. Remy Inventory and Information System

- Built an inventory and information management system using Flask, Python, Javascript, HTML/CSS, and SQLITE3.
- Allows the user to search the database with keywords or by a QR code scanner and allows the user to input data and store it in the database.
- Hosted on a Raspberry Pi 3

COVID-19 Tracker

- Built a COVID-19 Tracker with React and Material UI.
- Allows the user to see the numbers of confirmed COVID-19 cases, recoveries and deaths globally. Along with individual stats and charts based on the country that they select.

Flip

- Formed initial concept for consumer smart-home device.
- Performed research, formed team, and worked to implement proof-of-concept including iOS application.
- Worked with JWU Entrepreneurship Center on marketing and pitch plans.
- Team was a finalist in the final round of JWU's SharkFest competition.

Activities

Women in Technology

PRESIDENT

Apr. 2016 - Jan. 2017

- Organized meetings, events, fundraisers, and workshops for the whole campus to participate in.
- Held weekly meetings with the members in order to work on club project ideas and bring our ideas to life.
- Held workshops to help increase the skills of each member and get people outside of the club interested in STEM.

Sharkfest

FINALIST

Feb 2016 - Apr. 2016

- Entrepreneurship contest where students compete for seed money and venture support.
- Got selected to be one of the seven finalists out of all four Johnson and Wales campuses.
- Consistently developed our prototype and application, while working on our marketing research.
- Won 3,500 dollars for the project through a fund the university offered.