

# Tawan Scott

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Singapore  
[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION

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### Marist College – Poughkeepsie, New York

Bachelor of Science in Computer Science  
Minors: Cybersecurity, IT, IS  
Current GPA: 3.7

Expected May 2021

## EXPERIENCE

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### Greene County Historical Society (GCHS)

Software Engineer

Poughkeepsie, New York

Aug 2020 – Dec 2020

- Finalized and deployed the beta version of GCHS's website (Quil) using JavaScript, Node.js, NPM, HTLM, CSS, and Docker.
- Fixed all known bugs from the alpha version that prevented Quil from being utilized by GCHS.
- Quil allows users to make valuable notes for their visitations at GCHS and for employees to manage a database of users.
- Successfully compiled full documentation for Quil that will enable a smooth transition for the new development team.

### Marist College's OISS

Orientation Leader

Poughkeepsie, New York

Aug 2018 | Aug 2019

- Worked with the Office of International Student Services to organize a 2-week orientation program for incoming international students of 2018 and 2019.
- Introduced the students to the College through social activities and seminars while ensuring a successful orientation program.

## PROJECTS

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### IzuraOS

[View Live](#) | [View Code](#)

- Browser-based operating system with a working CPU that can allocate memory and HDD.
- Users can input various commands into the shell such as creating/deleting data within the HDD.
- Technologies: TypeScript, HTML, CSS, Git/GitHub.

### Limbo

[View Code](#)

- Web application that allows Marist College students to report and find their lost items.
- Technologies: PHP, Apache, HTML, CSS, MySQL.

### Zumo32U4

[Video Demo](#) | [View Code](#)

- A robotic project utilizing the Pololu's Zumo 32U4 Robot, SG90 Servo, and Ultrasonic Sensor.
- The robot will be able to perform various tasks such as following walls or objects as well as being able to fully localize itself within a 2D Cartesian space by utilizing the potential fields algorithm.
- Technologies: Arduino, C++.

### Vesta

[View Live](#) | [View Code](#)

- Developed a mock static website about a fictitious space tourism company.
- Technologies: JavaScript, HTML, CSS, Git/GitHub.

## SKILLS

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**Technical Skills:** Python, JavaScript, Java, TypeScript, PHP, C++, Node.js, MySQL, HTML, CSS, Git/GitHub.

**Languages:** English and Thai.