Tawan Scott

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Singapore
LinkedIn | GitHub | Portfolio

EDUCATION

Marist College – Poughkeepsie, New York   Aug 2017 – May 2021
Bachelor of Science in Computer Science
Minors: Cybersecurity, IT, IS
GPA: 3.77

EXPERIENCE

Greene County Historical Society (GCHS)   Poughkeepsie, New York
Software Engineer   Aug 2020 – Dec 2020
- Developed and deployed the GCHS's website (Quil) using JavaScript, Node.js, NPM, HTLM, CSS, and Docker.
- Fixed all known bugs from the previous 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 active users.
- Successfully compiled full documentation for Quil that will enable a smooth transition for the next development team.

Marist College's OISS   Poughkeepsie, New York
Orientation Leader   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

IzuraOS
View Live | View Code
- Browser-based operating system where each of the physical components are simulated through the browser session storage for memory.
- 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

Technical Skills: Python, JavaScript, Java, PHP, C++, Node.js, MySQL, HTML, CSS, Git/GitHub.
Languages: English and Thai.