

Tawan Scott

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

EDUCATION

Marist College – Poughkeepsie, New York

Bachelor of Science in Computer Science

Minor: Cybersecurity

Current GPA: 3.7

Expected May 2021

EXPERIENCE

Greene County Historical Society (GCHS)

Full Stack Engineer

Poughkeepsie, New York

Aug 2020 – Dec 2020

- Finalized and deployed the beta version of GCHS's website (Quil) using JavaScript, Node.js, NPM, 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.

Mai Deaw Kan Pa Café

Manager Part Time

Chiang Mai, Thailand

Jun 2019 – Aug 2019

- Overlooked and managed an entire staff including front and back of house.
- Ensured compliance with company policies and regulations during operating hours.
- Produced reports detailing sales and forecasts each month.

Singapore Armed Forces (SAF)

Transport Specialist

Singapore, Singapore

Oct 2015 – Aug 2017

- Maneuvering of military vehicles through all terrains.
- Ensuring that troops and equipment get to where they need to be during missions.
- Plan, command, and provide transport support during peacetime.
- Executing challenging transportation missions effectively and efficiently.

PROJECTS

IzuraOS

<https://github.com/TawanScott/IzuraOS>

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

PrerequisiteValidator

<https://github.com/TawanScott/PrerequisiteValidator>

- Application utilizing deterministic finite automaton that acts as a course registration planning tool for Marist computer science students
- Determine if a student meets the prerequisites requirements for a course based on their past courses.
- Technologies: Java, Eclipse, Git/GitHub.

SKILLS

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