Tawan Scott

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

EXPERIENCE

XanPool   Singapore
Software Engineer   Aug 2021 – Apr 2023
- Developed XanPool's website and mobile wallet app using React and Flutter respectively.
- Collaborated with the UX/UI team to create responsive, user-friendly interfaces.
- Developed and maintained GraphQL and REST APIs using NodeJS and integrated them with the frontend.
- Participated in code reviews, testing, and debugging to ensure high-quality code.
- Contributed to the development of XanPool's internal tools, including a dashboard for tracking user activity.

Greene County Historical Society   New York
Software Engineer   Aug 2020 – Dec 2020
- Developed and deployed the GCHS's website (Quil) using JavaScript, NodeJS, 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.

PROJECTS

Dog Breed Search
[View Code](#)
- Utilize an API to fetch dog breeds and present the results to the user with responsive design.
- Allow users to search for dog breeds using the search API.
- **Technologies**: React, TypeScript, CSS.

Browser OS
[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.

Robotic
[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.
- **Technologies**: Arduino, C++.

EDUCATION

Marist College – New York   Aug 2017 – May 2021
Bachelor of Science in Computer Science
Minors: Cybersecurity, IT, IS
Honors: Magna Cum Laude
Dean's List: 2017-2021
GPA: 3.77

SKILLS

Technical Skills: TypeScript, React.js, Flutter, NodeJS, MongoDB, HTML, CSS, Git/GitHub.
Languages: English (Fluent) and Thai (Native).