

Personal Projects

Racing

Jan 2023

- Created a browser racing game with TypeScript, Node.js, Three.js and Blender

Conway's Game of Life

Dec 2022

- Recreated Conway's Game of Life with React

Palette

Nov 2022

- Created a colour palette generator with C# using the Blazor framework

Working Experience

Auto Tech Specialist

Apr 2021 - Apr 2023

Singapore Armed Forces

- Led a section of technicians in the maintenance of the Light Strike Vehicle Mk II
- Streamlined admin processes with Excel and VBA through the SAP Enterprise Systems API

Intern

Dec 2020

Singapore Mass Rapid Transit

- Created fault tree analysis for a case study on air compressor failure

Intern

Jun 2018

Institute of Molecular and Cell Biology, A*Star

- Pre-processed images for data analysis

Skills

Programming Languages

JavaScript, TypeScript, HTML, CSS, Python, Java, C#, VBA

Frameworks

React, Node.js, Express.js

Certifications

- CS50x
- CS50G Game Development
- freeCodeCamp Full Stack Certification

Awards

- SAF Young Leader Award
- MOE EAGLES Award

Education

GCE A-Level

H2: Physics (A), Chemistry (A), Mathematics (A), Literature (A),

H1: General Paper (A),
Project Work (A)

Extracurriculars

Eunoia Junior College

- President of Symphonic Band
- President of Rock Band
- Class Chairman

Catholic High School

- Head of Student Enterprise
- Librarian for Symphonic Band