

Jaehyeong Park

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TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, C++, HTML, CSS

Libraries/Frameworks: React, Next.js, TailwindCSS, Styled Components

Technologies: Git, Vercel, Netlify, Arduino, Blender, Figma, MS Office, Canva, TinkerCAD

PROJECTS

Personal Website | [TypeScript](#), [Next.js](#), [Styled Components](#), [Tailwind CSS](#)

October 2022

- Designed and developed a personal site using TypeScript, Next.js, Tailwind CSS and Styled Components.

CNDR | [React](#)

September 2022

- Developed a web application that tracks wildfires in real-time and tailors mitigation methods.
- Gathers wildfire data using NASA's Earth Observatory Natural Event Tracker API and displays it with red dots on a map.
- Implemented a distance calculating algorithm using coordinate points from Open Weather Map API to determine the risk levels of a location.

PyTetris | [Python](#)

August 2022

- Implemented the retro game "Tetris" using Python and pygame from scratch. Included features such as fast block placement and arrow key control.
- Cycled through design iterations, using debugging tools to solve an issue where blocks left the grid before they appeared.

3D Traffic Intersection Model | [C++](#), [Arduino](#), [TinkerCAD](#), [Blender](#)

June 2022

- Processed LED signals using parallelization and timers with Arduino to design and build a traffic light intersection system.
- Proposed, debugged, and developed a functioning prototype using Blender and TinkerCAD.

VOLUNTEER EXPERIENCE

Haven – Safety Alert & Locator

May 2022 – Present

Promotions & Marketing Volunteer

(Remote) Toronto, ON

- Haven is a safety expert-approved app used by students to quickly connect with loved ones and the police in emergencies.
- Advocating about safety, consent, and issues surrounding personal security in schools and universities by launching marketing campaigns on social media.

TCS – Toronto Waterfront Marathon

October 2022

Baggage Volunteer

Toronto, ON

- Coordinated, organized and delegated tasks to a group of 10 other volunteers over 7 hours.
- Redirected and guided lost runners by answering questions, giving directions, and general inquiries about the run.
- Received runners' bags, stored them numerically according to their bib number and returned the bags after the run. Set up, tore down and cleaned up the storage booth after all bags were collected.

EDUCATION

Earl Haig Secondary School

Sep 2020 – June 2024

Ontario Secondary School Diploma | Honour Roll

Toronto, ON

- Activities & Societies:** Math Club, Earl Haig Athletics Council, History Club, Programming Club, Engineers Without Borders, Chess Club
- External Coursework:** Edx: NYUx - Introduction to C++, NYUx - Advanced Programming in C++ | freeCodeCamp: Front End Development Libraries | Net Academy: Cisco IT Essentials | Codecademy: Introduction to UI and UX Design, Learn JavaScript