

Nathan Jiang

n25jiang@uwaterloo.ca | github.com/jnathan02222 | linkedin.com/in/nathan-jiang-32a639290 | nathanj.ca

Education

University of Waterloo

Bachelor of Software Engineering

Sept. 2023 - Apr. 2028

GPA: 4.0 | 96.75% avg.

Skills

Languages: C/C++, Java, Python, JavaScript, HTML, CSS, Node.js, Express.js

Technologies: React, React Native, Expo, Python AsyncIO, WordPress

Tools: Git, Visual Studio Code, Eclipse, Visual Studio, Microsoft Office

Experience

Incoming Firmware Team Member

Electrium Mobility, Waterloo, ON


Jan. 2024 - Present

- Responsible for programming microcontrollers to control motor movement, analyze data from sensors, and interpret radio signals from a controller

Assistant Web Developer | React Native, Expo, HTML, CSS, JavaScript, WordPress

Mana Immigration Services, Toronto, ON

Mar. 2022 - Jun. 2022

- Designed and developed 3 websites to help clients expand their businesses to Canada
- Developed an **Expo prototype app**  that uses the WordPress API to pull posts from websites, conveying news and deals to customers, earning praise from IT supervisor

Projects

Portfolio Website | React, JavaScript, HTML, CSS

Dec. 2024

- Built a fast, responsive and modular [website](#) using React to display projects and qualifications, including a contact form using Email.js
- Developed procedurally generated background animations using Konva

Dusk | Java, JavaScript, HTML and CSS, Spotify API, Node.js, Express.js

Jan. 2023

- Implemented a rhythm-based game in which the user can generate levels using any song on Spotify, leading a group of 5 classmates to complete the project in 2 weeks
- Designed a game engine in Java and converted to JavaScript with the Greenfoot compiler
- Connected to the Spotify API using a Express.js server
- Available [online](#) without the Spotify API due to terms of use limitations

DECA Tester | Python

Sept. 2022

- Used Python libraries to digitize DECA multiple choice exams to aid in rapid memorization through repetition, resulting in an award for top 10 in multiple choice at the provincial level
-

Hobbies and Interests

Photography, sketching, interior decoration, biking, learning to cook, reading historical fiction novels