

# Jesse Huang

2A Honours Computer Science | 21002531

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## Skills & Interests

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

Frameworks: React, Next.js, Tailwind, Express.js, Flask, Arduino

Technologies: Node.js, MongoDB, PostgreSQL, Git, Linux, WordPress, Figma

Interests: Web development, Jump roping, Jazz Music, Photography

## Relevant Experience

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### IoT/Robotics Engineer

May 2023 - August 2023

*Wiz Robotics* | <https://wizrobotics.com>

- Developed new company website prioritising SEO, Improving conversion rates of course bookings by 25%
- Expedited future development processes by 50% by introducing new React component structures and Google sheets scripts
- Led team of 4 co-op students to develop React-based content in an agile development environment, enriching user engagement by 60%

### Project Developer

August 2023 - Present

*UW Blueprint*

- Developing web platform for Marillac Place with team of developers, streamlining the internal operations of supporting mothers and mothers-to-be experiencing homelessness
- Collaborated with the client to optimise new user-flow structure based on user feedback
- Built API to track and receive user tokens for scheduling tasks and handling inventories

### Game Developer

August 2021 - January 2023

*The Continental Army* | <https://roblox.com/groups/5031513/ontinental-Army#!/about>

- Designed and developed the in-game UI and GFX for official game thumbnails, increasing clickthrough rate for a cumulative 9.1 million visits
- Reimplemented in-game command system of Bunker Hill for 263k+ group members

## Relevant Projects

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### Art.io | Next.js, Typescript, TailwindCSS

June 2023

[ethglobal.com/showcase/art-io-w71ef](https://ethglobal.com/showcase/art-io-w71ef)

- Designed and built front-end of NFT investment platform to promote authentic artwork
- Integrated Worldcoin authentication API, leveraging retina-scanned verification for user security

### FitBin | JavaScript, CSS, React, Node.js, Express.js, MongoDB

February 2023

[github.com/jeessh/FitBin](https://github.com/jeessh/FitBin)

- Initially designed and implemented user-friendly UI of fashion e-commerce website, including cart system and subscription to newsletter
- Further developed by turning project into MERN Stack website with login page and Stripe transactions

### Troki | React, Node.js, Express.js, MongoDB

September 2021

[devpost.com/software/troki](https://devpost.com/software/troki)

- Collaborated in team of 4 at HackTheNorth 2021, designing Uber clone web application using MERN stack, connecting clients and odd-job workers
- Implemented Google Maps back-end API to allow workers to locate job destination

## Education

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### University of Waterloo

September 2022 - May 2027

- Candidate for Honours Bachelor of Computer Science
- Awards: Hershel & Mary Anne Harris Entrance Scholarship, President's Scholarship of Distinction