

JESSIE NINJIE WANG

Toronto, ON | [Github](#) | [Website\(^-^\)! | \[LinkedIn\]\(#\) | \[jwaanng@gmail.com\]\(mailto:jwaanng@gmail.com\)](#)

PROJECTS

PetPal | Java, Java swing, Google maps, MongoDB | [Github](#)

- Created a comprehensive application, inspired by modern dating-app swiping mechanics, to facilitate pet adoption and listing in a team of 5- a fusion between a dating app and pet adoption!
- Implemented **CLEAN** architecture principles, ensuring a robust and maintainable backend.
- Leveraged Java Swing to design a user-interface, supporting use cases including account creation, login, intuitive pet swiping, and matching functionalities.
- Integrated Google Maps API, enhancing the application with geolocation capabilities for searching algorithm.
- Integrated MongoDB to allow CRUD operations for user profiles, pets for adoption, and user-related information

UofTGuesser | React, Express.js, MongoDB, Google Cloud | [Github](#) | [DEMO](#)

- Developed a fullstack trivia style guessing game based on the University of Toronto campus
- Used MongoDB database to store location data and photo data using google cloud APIs, connecting to a react front end using express.js

Newstalgia | React, Express.js, Node.js, Co:here | [Github](#) | [Devpost](#)

- Created a newspaper app in the style of the traditional newspaper in a team of 3 for UofTHacks
- Implemented annotation system with sticky notes
- Integrated a Co:here chat bot (^-^) to assist users with summarization and discussion of news

Personal Portfolio | React.js, HTML, CSS | [Github](#)

- Used React.js, HTML, CSS to create a **fully responsive personal portfolio web application**, fit for various screen and device sizes to ensure user experience
- Developed custom interactive components using React.js, including a dynamic gallery, addition of tags, information blocks, animations, responsive navbar, contributing to an engaging user interface across all screen sizes
- Implemented React Router for fluid navigation between pages, enhancing the site performance and engagement from 100% of peers

EXPERIENCE

UofT Neurotech | [Github](#)

Oct 2023-Present

Web Developer

- Used **TS, React, Three.js, TailwindCSS, Next.js** and others to create a responsive, intuitive, and aesthetic website for UofT Neurotech team in a team of 4

FIRST Robotics

Programmer and Team Lead

Nov 2020 – June 2022

- Led a team of 15 to analyze, discuss, build, and problem shoot a robot that would be used in competition, throughout regional and provincial competition. Familiarized in JavaBot, CAD softwares, 3d printing and design.
- Created and presented a log book/'notebook' documenting engineering progress, setbacks, solutions, designs over the competition.

Skills

Programming Languages: JavaScript, Typescript, Python, Java, HTML + CSS, C++

Technologies: Firebase, GoDot, React.js, Node.js, Express, JSwing, Three.js, MongoDB, PyTorch, PyTest, Junitest

EDUCATION

UNIVERSITY OF TORONTO

Computational Cognitive Science + Computer Science + Math

Toronto, ON

Expected 2026