Angelina Wu

a85wu@uwaterloo.ca | anglerona.vercel.app | github.com/anglerona | linkedin.com/in/anglerona

EDUCATION

University of Waterloo | *Bachelor of Software Engineering (Sept 2021 - Apr 2027)*

WORK HISTORY

Qualifacts | *May 2025 - Aug 2025*
Full Stack Developer Intern
- Built features in React and Django for patients to submit request restrictions and care summaries.
- Enabled document export via email or messaging and improved accessibility for screen readers.
- Added unit tests to the existing test suite, ensuring the reliability and accuracy of new features while preventing future regressions.

Genellipse | *Sept 2024 - Dec 2024*
Full Stack Developer Intern
- Built and maintained the UI component library for an insurance platform, prioritizing responsiveness and accessibility.
- Integrated backend data via FastAPI and created interactive visualizations for data analysis and management.
- Optimized web app build time by 17% through code splitting, image optimization, and reusable components.

Applied-AI | *Jan 2024 - Apr 2024*
Junior Full Stack Developer Intern
- Developed a multi-step loan application API in Laravel with MySQL for efficient data storage and retrieval.
- Created UI components with HTML, CSS, and JavaScript to improve form usability and interactivity.
- Implemented custom form validations with error messages, enhancing accessibility and accurate user input.

OpenText | *May 2022 - Aug 2022, Jan 2023 - Apr 2023*
Software Developer Intern
- Built React and Redux components for import/export, filtering, and validation in a case management dashboard.
- Enhanced OT React Components Library for greater reusability, customizability, and accessibility.
- Refactored Java APIs and documented examples in Confluence using Postman collections.

PROJECTS

Sasa-Lele | *TypeScript, Next.js, React.js, Django REST, MongoDB, TailwindCSS*
sasa-lele.vercel.app
- Built a full-stack, user-authenticated sales and inventory management platform.
- Developed dynamic data visualizations and charts to present sales trends, bundle performance, and event comparisons, enabling users to make data-driven decisions.

BulbasaurBot | *C++, Arduino*
github.com/anglerona/bulbasaurBot
- Built a self-driving robot with a sunlight-seeking system and a comprehensive hardware suite that utilized a variety of sensors to monitor and manage plant health while displaying relevant data in real-time.

SKILLS

Languages: C++, JavaScript, TypeScript, HTML/CSS, Python, PHP, C#, SQL, Java
Frameworks: Next.js, React.js, TailwindCSS, Node.js, Django, Express.js, Laravel, Unity, Java Spring
Tools & DB: Git, Postman, JIRA, MongoDB, MySQL, AWS, pgAdmin, GCP, Arduino
Design: Figma, Procreate, Photoshop, Vectornator, Canva, AutoCAD