

Angelina Wu

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EDUCATION

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

WORK HISTORY

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.
- Created Selenium test procedures in Java, improving feature testing efficiency by 30%.

PROJECTS

Link-branch | JavaScript, Next.js, React.js, MongoDB, TailwindCSS, AWS S3

github.com/anglerona/link-branch

- Developed a Linktree clone, including Google authentication, profile customization, link management, and analytics with interactive charts.

Fabricate | TypeScript, Next.js, React.js, TailwindCSS, Clerk, Replicate, OpenAI

fabricate-chi.vercel.app

- Created a web app with five AI tools powered by OpenAI and Replicate API, allowing users to generate images, music, videos, code snippets, and conversations from text prompts.

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, Express.js, Laravel, Unity, Java Spring, Django

Tools & DB: Git, Postman, JIRA, MongoDB, MySQL, AWS, pgAdmin, GCP, Arduino

Design: Figma, Procreate, Photoshop, Vectornator, Canva, AutoCAD