ANGELINA WU

SOFTWARE ENGINEERING STUDENT

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

SKILLS

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

WORK HISTORY

Genellipse │ *Sept 2024 - Dec 2024*

Full Stack Developer Intern

- Built and maintained the UI component library for an insurance platform, ensuring responsiveness and accessibility
- Integrated backend data using RapidAPI for reinsurance modeling, claims processing, and financial reporting
- Created interactive data visualizations such as graphs, charts, and report templates, helping insurance companies analyze and manage data

Applied-AI │ *Feb 2024 - Apr 2024*

Junior Full Stack Developer (Part-time)

- Developed the backend for a multi-step loan application form in Laravel, using 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, ensuring accessibility and accurate user input

OpenText │ *May 2022 - Aug 2022, Jan 2023 - Apr 2023*

Software Developer Intern

- Built flexible UI components with React and Redux for import/export, filtering, and validation features
- Modified existing components in the OT React Components Library to allow customizability and reusability over a wider range of use cases
- Added keyboard navigation to menu-based components, enhancing accessibility and user inclusivity
- Refactored Java API endpoints and created Postman collections with examples in Confluence with thorough documentation
- Created reusable Selenium test procedures in Java, improving feature testing efficiency by 30%

PROJECTS

Link-branch │ *JavaScript, Next.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 featuring five AI tools powered by OpenAI and Replicate API, allowing users to generate images, music, videos, code snippets, and conversations from text prompts, with a responsive TailwindCSS interface

EDUCATION

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