

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#, Java, SQL, Bash
Frameworks: React.js, Next.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

Applied-AI | Feb 2024 - Apr 2024

Junior Full Stack Developer (Part-time)

- Implemented a dynamic, multi-step loan application form for a Laravel PHP application, using MySQL for efficient data storage and retrieval
- Created UI components using HTML, CSS, and JavaScript to enhance the usability and interactivity of the form
- Added form validations with custom error messages, adhering to an accessibility-focused design language and ensures accurate user input

OpenText | Jan 2023 - Apr 2023

Software Developer Intern

- Integrated keyboard navigation functionality into menu-based components to meet accessibility needs and improve user inclusivity
- Continued to develop components and services to consume RESTful APIs with component-based architecture
- Created reusable functional automation test procedures using Selenium with Java to assess new features and uncover deeply nested bugs, increasing efficiency by 30%

OpenText | May 2022 - Aug 2022

Software Developer Intern

- Created adaptable UI components using React and Redux concepts for features such as import, export, filtering, and validations
- Modified existing components in the OT React Components Library to allow customizability and reusability over a wider range of use cases
- Refactored existing API endpoints in Java and created Postman collections with documentation of detailed examples in Confluence

PROJECTS

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

github.com/anglerona/link-branch

- Developed a Linktree clone, which lets users combine multiple links into a single, customizable profile page
- Integrated Google authentication using NextAuth for secure user sign-up and login functionality
- Implemented features for users to manage their profiles, including adding, removing, and reordering social media links, and updating profile pictures and banners with images stored using AWS S3
- Created an analytics page for users to track clicks for each of their links with an interactive line chart to visualize views on their profile page

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

fabricate-chi.vercel.app

- Developed a web app that utilized OpenAI API and Replicate API to create 5 AI tools that users can use to generate images, music, videos, code snippets, and conversations by providing text prompts
- Created a responsive UI layout using TailwindCSS to style components and included light/dark modes
- Integrated Clerk Auth, allowing users to easily sign in/sign up with a Google account or any email

EDUCATION

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