Angus Lang

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Skills

- Languages: Python, C, C++, C#, JavaScript, HTML, CSS, SQL
- Frameworks: ReactJS, Tailwind, Node/Express, MongoDB, AWS(Cognito, S3),
- Tools: Visual Studio Code, Figma, Git, Vercel, Heroku, Render, Unity

Projects

EveryRecipe | August 2025– September 2025
Tech Stack: JavaScript, React, Node/Express, RESTful API, Tailwind, MongoDB, AWS (Cognito, S3), Vercel, Heroku
- Built and hosted an end-to-end full-stack recipe website using **MERN stack** and **RESTful API**
- Implemented secure user authentication and route protection using **AWS Cognito**
- Implemented image storage with **AWS S3** enabling recipe uploads and retrieval at scale
- Developed a responsive React frontend with **Tailwind CSS** featuring carousels and advanced search
- Connected frontend to backend **APIs** for real-time filtering, recipe collections, and user management

Personal Portfolio Website| June 2025– July 2025
Tech Stack: HTML, JavaScript, CSS, React
- Built a responsive portfolio website to showcase projects, skills, and experience with a clean UI
- Developed reusable **React** components for navigation, project cards, and contact forms
- Implemented smooth navigation and interactive UI features with **JavaScript**, including form validation.
- Applied custom **CSS** and responsive layouts for seamless viewing across devices

3D Pool Game| May 2025– July 2025
Tech Stack: C#, Unity
- Built a 3D pool game featuring interactive UI for menus, controls, and score display using **Unity** and **C#**
- Implemented ball physics, collision detection, and gameplay logic through **C#** scripting

Experience/Leadership

Tennis Coach | Appleby Tennis Club | September 2023– June 2024
- Coached children aged 8–15 in private and group sessions of up to 10, achieving a 100% return rate
- Trained players in form, endurance, and strategy while running drills that built skills and teamwork

Different Walks Different Talks (DWDT) Podcast Producer| May 2025– Present
- Launched a podcast interviewing alumni, athletes, and trade professionals.
- Planned episodes, coordinated guests, and edited/published content.

Velocity Campus Ambassador| August 2025– Present
- Coordinate and host startup info sessions and workshops connecting founders with students.
- Promote Velocity programs and events to engineering students, boosting attendance and applications.

Waterloo Engineering Ambassador| August 2025– Present
- Lead campus tours and Q&A sessions for prospective engineering students and families.
- Support admissions by mentoring applicants and showcasing the Waterloo Engineering program.

Education

University of Waterloo | Honors Software Engineering Co-op | September 2025– PRESENT
- Relevant Courses: Object-Oriented Programming, Logic and Computing, Probability, Elementary Algorithm Design and Data Abstraction, Calculus I & II, Linear Algebra

Assumption Catholic Secondary School | GPA: 99.86% | September 2021– June 2025
- Awards: **Schulich Leader Scholarship Nominee, Recipient Governor General Acedemic Medal,** Mathematics Department Award, School Letter Award (Varsity Letter)