

Maxime Boucher

(587) 583-7066 | max@maxboucher.com | [linkedin.com/in/maxboucher](https://www.linkedin.com/in/maxboucher) | github.com/themaxboucher | maxboucher.com

EDUCATION

Bachelor of Science in Software Engineering, *University of Calgary* (GPA: 3.87/4.00)

EXPERIENCE

Undergraduate Software Researcher, *University of Calgary*

May 2025 – Aug 2025

- Developed an AI agent in **Python** to automate Android app interactions for privacy research, achieving a **59% task completion rate (88% on stable apps without 2FA/CAPTCHA)** across 100 top Google Play apps.
- Learned about privacy threats in the mobile app ecosystem by reviewing academic papers, producing **3+ detailed research summaries**.

Software Developer, *Code the Change YYC*

Oct 2024 – present

- Developed core UI components for the [Scuba SEasons](#) **React** web app, including a full redesign of the landing page, improving the user experience.
- Worked with small teams in an **Agile** workflow, using **Jira** for task tracking and **Git/GitHub** for version control.
- Refined **Next.js** and **TypeScript** skills by building and optimizing a personal [portfolio website](#) to showcase technical skills and project work.

Web Developer/Designer + Video Editor, *Digitality Marketing*

Feb 2024 – Oct 2024

- Developed and designed a professional website for a client's public speaking engagements and coaching programs, resulting in an uptick of new high-value leads.
- Edited 250+ high-quality social media videos, increasing engagement and followers across 10+ social media accounts.

Web Developer/Designer, *Freelance work*

Aug 2023 – Feb 2024

- Developed and launched professional websites for two Alberta-based gyms, enhancing their online presence by implementing SEO best practices and **increasing page speed performance by up to 48%**.

PROJECTS & HACKATHONS

[CourseCal](#)

Jan 2026

- Built a **Next.js** and **TypeScript** web app using **Google Gemini** to extract class schedules from screenshots and store them locally with **IndexedDB** to generate customizable lock screen wallpapers.

[Audibly](#), *Hack the Bias 2026*

Jan 2026

- Developed a **Python** virtual camera for Zoom and Google Meet, using **OpenCV**, **MediaPipe**, and **TensorFlow** to translate sign language into captions and text-to-speech during a 36-hour hackathon, **placing 3rd** out of 19 teams.

[Schulich Speedway](#), *G-Hacks 2025*

Feb 2025

- Built a mini web game using **React**, **Google Maps API**, and **Python** in 24 hours. **Our team won the Best Presentation award** because of our creative and attention grabbing concept and demo video.

SKILLS

Languages: JavaScript, TypeScript, Python, C, C++, Java, SQL, HTML, CSS

Frameworks: React.js, React Native, Next.js

Tools: PostgreSQL, MySQL, SQLite, Amazon Web Services (AWS), Google Cloud Platform, Firebase, Supabase, Appwrite, Node.js, Git, GitHub, Jira