

Alec Ames

BSc in Computer Science | Software Engineer | Full Stack Developer

EDUCATION

Honours Bachelor of Science in Computer Science

Brock University, St. Catharines, ON — GPA 4.0 First Class Standing

SEPTEMBER 2019 - DECEMBER 2023

- Achieved highest course grade in Computer Media & Digital Audio.
- Developed projects using Java, Python, JavaScript, Svelte, C/C++, SQL, and PyTorch

PROJECTS

Deep Learning Drum Classifier — *Python, PyTorch, Numpy*

- Built an AI model for classifying drum samples into specific instruments.
- Achieved 95%+ accuracy on unseen test datasets.

Markdown Viewer — *Tauri, Rust, Svelte, JavaScript*

- Developed a standalone markdown viewer for Windows 11.
- Utilized the Tauri framework with Rust for a secure, lightweight desktop application and Svelte for the UI, emphasizing performance optimization and user-friendly design.

QuickCalc — *Android Studio, Kotlin, Jetpack Compose*

- Built an intuitive and lightweight calculator application for WearOS devices, leveraging modern Android development practices and wearable technology.

NOTL Museum Timeline — *SvelteKit, JavaScript, Supabase*

- Lead a team to design and build a responsive web application to showcase the history of Niagara-on-the-Lake for the local museum, improving visitor engagement and accessibility.
- Deployed both to web and as an Android application that achieved a 5-star rating on the Google Play store.

VoiceNote — *Android Studio, Java, Google Speech API*

- Developed and deployed speech recognition app using Java and Android Studio.
- Integrated GCP Speech API, focused on UI/UX design principles and accessibility standards to ensure positive feedback on Google Play, achieving a 5-star rating.

EXPERIENCE

Peninsula Editorial Consultancy, Niagara, ON

Freelance Web Developer

MARCH 2024 - PRESENT

- Rebuilt the business' website from scratch using Svelte and Strapi, enhancing functionality and improving the user interface.
- Improved site performance and user experience, leading to increased client satisfaction and 25% increase in new leads.

Canadian Tire Financial Services, St. Catharines, ON

Bilingual Customer Service Representative

JUNE 2020 - PRESENT


- Accommodate 30+ eCommerce customers per day across multiple brands, assisting customers with order and technical inquiries

 alecames.com

 dev@alecames.com

 github.com/alecames

 linkedin.com/in/alecames

 (905) 975-7349

SKILLS

Technical Proficiencies:

Languages: Python, Java, JavaScript, Kotlin, Rust, C/C++

Web Development: HTML, CSS/SCSS, React, Svelte/SvelteKit, Node.js, WebSockets, GraphQL

Database & Backend: SQL, Supabase, GCP, AWS, PyTorch

Tools & Platforms: VS Code, Git, Android Studio, Tauri, Linux, Nginx, Bash

Networks: Cyber security, network systems, infrastructure design

Design & Prototyping: Adobe CC Suite, Figma

Bilingual:

English (Fluent), French (Fluent)

Teamwork and Leadership:

Led an eight-member software engineering team, fostering a collaborative environment and driving project success.

AWARDS

Dean's Honour List - 2021, 2022

Recognized for academic excellence in the Faculty of Mathematics and Science.

Faculty's Choice Award -

Brock CSC Game Jam - 2023

Created a puzzle game in under 15 hours using C# and GameMaker. Voted best game overall.