Logan Travis

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EDUCATION

University of Alberta   Edmonton, Alberta
B.Sc. Computing Science with Specialization   *September 2020 - December 2026*

EXPERIENCE

Software Developer Intern   May 2024 – December 2024
Activision (Microsoft)   *Vancouver, BC*
- Developed the Top-250 Leaderboards react application for Call of Duty: Black Ops 6.
- Bug-fixed seasonal content updates for new maps, weapon assets and localizations.
- Worked with the QA team to identify and resolve bugs in the combat record menus.

Full-Stack Developer   April 2023 – May 2024
Freelance   *Remote*
- Developed an e-commerce site serving a **6,000+ player community** using Go and SvelteKit. | [Link](#)
- Created Discord bot applications for multiple clients using DiscordGo and Discord.Py.
- Built multiple Stripe integrations to make processing payments easier.
- Reworked client's existing code to improve performance and efficiency.

Chamber Platform Coordinator   October 2021 – May 2024
Alberta Chambers of Commerce   *Remote*
- Developed an automated survey aggregation tool in Go for collecting data on **65+ chambers**.
- Onboarded members to the Chamber Platform CRM system, and worked with chambers to import their data and build their websites.
- Managed ChamberMarket.ca, an e-commerce site promoting the Shop Local to thousands of businesses in Alberta.
- Managed vendor onboarding for Chamber Market and delivered platform-wide support.
- Authored technical documents and streamlined onboarding processes.
- Beta-tested new CRM features and provided feedback to developers.

PROJECTS

Compiler *| C++*   April 2021
- Developed a compiler using C++ to emit RISC-V, X86, and ARM assembly code.
- Developed an interpreter with ANTLR4 language grammar.

Prize Bot V2 *| Go, PostgreSQL, AWS, Docker* | [Github Link](#)April 2021
- Developed a Discord bot in Go for community events; **active on 1000+ servers, tracking 440,000+ users.**
- Implemented ticketing system for prize management and utilized AWS RDS for data storage.
- Optimized bot's performance and **reduced deployment costs by 95%** by transitioning from AWS to Railway.
- Developing a web dashboard using Sveltekit to manage administrative tasks on the bot.
- Integrated Stripe API for a premium subscription with Discord benefits.

Ark Guardian *| Python, PostgreSQL*   April 2023
- Designed a service in Python for **tracking 160,000+ players across 1,450+ game servers** that enabled efficient server administration and player management
- Refactored codebase to improve performance and resolve memory leaks.

ScanPal *| Java, Firebase, Android Studio* | [Demo](#)
- Java Application developed using Android Studio in a team of 6 for creating, browsing, and registering for events.
- Used Firebase to securely store images and user data records.

TECHNICAL SKILLS

Languages: Go, Python, C/C++, RISC-V, Typescript, JavaScript, Java, Julia, MATLAB, Dart, HTML, CSS, SQL, R
Frameworks/Libraries: SvelteKit, React, React Native, NextJS, Tailwind, HTMX, Flutter, Antlr