SAM KATEVATIS

Calgary, AB | github.com/Samarinara | samkatevatis.polli.page

Software Engineering Internship / Junior Developer

PROFILE

Engineering undergraduate at the University of Calgary building frontends on the web and backends on the server. Experience developing independent products with React Native, Expo, NetJS, and Ratatui. Skilled in concepts involving SQL databases, small model training, and user experience. Looking for a job to learn, grow, and make connections in the tech industry.

EDUCATION

University of Calgary | *Undergraduate in Software Engineering*

Relevant areas of study: linear algebra, calculus, database systems, digital circuits, C/C++, and Python.

PROJECTS & EXPERIENCE

Polli | *Metasearch engine designed around AI* | polli.page | 2025 - *Present*

- Trained a quick decision BERT model for picking a search result and currently exploring a custom version of Cloudflare's Clef model
- Cross referenced between Bing, Google, and Brave search APIs
- Removed traditional page ranking in favour of AI decisions

CargoTUI | *Rust Development Tool* | github.com/Samarinara/cargotui | 2025 - *Present*

- Created and actively maintains an open source terminal interface for the Rust package manager Cargo
- Manages tests, CI, updates, and app publishing all while reviewing pull requests and issues from real users and contributors

Tennis Instructor | *West Vancouver Tennis Club & Spirit of Tennis* | 2022 - 2026

- Designing and delivering lesson plans to players of all ages and adapting those plans to the individual players
- Collaborating with other coaches to ensure consistent quality across all programs
- Communication between players, coaches, and management to organise lessons

CAMPUS INVOLVEMENT

Schulich on a Chip | *Software team* | *University of Calgary*

- Created tooling to generate branded promotional graphics from HTML with a custom LLM harness
- Redesigned the website to fit the club's brand identity
- Currently working with the technical team to create internal tooling that gets the club to tape-out faster

TECHNICAL SKILLS

Languages and foundations: Rust, Python, C/C++, JavaScript/TypeScript, Git
Frameworks and platforms: GitHub, Vercel, Cloudflare, React, Expo/React Native, NextJS
Database Languages: PostgreSQL, MySQL, SQLite
Product development: UI design, authentication, offline synchronization, API integration
Machine Learning: BERT models, LLM harnesses, Decision Models