

Devon Sawatsky Burnham

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Summary

I'm a highly motivated, skilled, and conscientious software developer. I care deeply about writing correct, performant, maintainable code - leveraging tools to support this vision when humans fall short.

Relevant Work Experience

Software Engineer at DraftKings - Aug. 2024 -> present

- Designed, delivered, and maintained critical, high-performance, distributed Rust and C# ETL services in the core data pipeline with Kafka and ASP.NET

Full Stack Software Developer at Sports IQ Analytics - Sept. 2021 -> Aug. 2024

- Built & fixed web-based backend tools in Rust and Node.js - greenfield and brownfield
- Created & promoted the company's first continuous integration pipeline with CircleCI
- Deployed and maintained tools in a Google Cloud environment
- Started as a co-op student (intern), consistently promoted to reach the full-stack developer title

Education

I have a Bachelor of Science in Computing Science from Simon Fraser University. I graduated first class with distinction (summa cum laude), plus a concentration in theoretical computing science. I was consistently on the Dean's List and President's List.

I particularly enjoyed my classes in programming language design & compilers, computability & complexity, biomedical computing, and AI.

Skills

Rust • C# • Python • TypeScript

Technical

- Multithreaded & asynchronous programming
- Performance optimization - throughput, latency, resource consumption
- Legacy system modernization & refactoring
- Developer tooling & DX

Interpersonal

- Cross-functional and cross-cultural communication
- Crisis management
- User empathy & understanding

Less Relevant Experience

I worked at a bookstore for a year, and I spent a summer lifting things for a moving company. I have history writing Java, embedded and non-embedded C++, VHDL, and MATLAB. The first code I ever wrote was a mod to add a new ore to Minecraft when I was 12. I dabbled in circuits and electronics design, I speak English (native) and French (barely), I've been a member of my community garden organization since I was 11, I go hiking and enjoy bird photography, I listen to industrial techno and read widely.