

ALEX AUMAIS

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EDUCATION

University of Waterloo

2023 - 2028

Bachelor of Software Engineering

Waterloo, Canada

- **Average: 98%**. Relevant courses: Database Systems, Operating Systems, Compilers, Data Structures and Algorithms, Statistics
- VP Events - SE Society, Media Lead - Waterloo Rocketry, Residence Life Don, Water Polo, Engineering Endowment Fund

EXPERIENCE

Databricks

San Francisco, USA

Software Engineer Intern

May 2026 – Present

- Architected **resilient data operations** using Temporal workflows with retry, heartbeat, and recovery to **1000x** migration scale
- Drove a **70x speedup** in a copy pipeline by identifying inefficiency, working cross-team, and leading production rollout planning
- Proactively fixed **account-console UX** errors, giving customers clearer feedback alongside core infrastructure work

Hack the North

Waterloo, Canada

Product Manager

Nov 2025 – Present

- **Managed a 13-person engineering org**, setting roadmap, assigning projects, and running planning across **14+ products**
- Turned hacker and sponsor discovery into **PRDs**, design, QA, and marketing for platforms used by **tens of thousands**
- Final-reviewed every product, **patching logic and UX**, shipping **Museum**, Applications, RSVP and more for **10,000+ hackers**
- Leading a **2,000 unit digital badge** spanning PCB design, firmware, and web software from concept through production

Backend Engineering Lead

Nov 2024 – Nov 2025

- **Led 5 engineers** through shipping 8 products, like event gamification and scheduling tools, mentoring to help them thrive
- Founded and launched **Capture the Flag**, designing challenges and algorithmic **anti-cheat** for **1,322 players** across 2 editions

Backend Software Engineer

Mar 2024 – Nov 2024

- Developed new **GraphQL** CRUD endpoints in a TypeScript Apollo stack to expand core features like **auth**, kudos and buses
- Built and deployed **Goose Guide Bot**, a **GenAI Slack bot** used by 1,000+ participants that auto-answered 91% of questions

Bloomberg

New York City, USA

Software Engineer Intern

Sept 2025 – Dec 2025

- Only intern to ship new **production Terminal data**, validating outputs with diffing, mock testing, and production parity analysis

Voiceflow

Toronto, Canada

Runtime Software Engineer Intern

Jan 2025 – Apr 2025

- Shipped real-time **AI voice** and **audio pipeline** features like **answering machine detection**, noise suppression, and fast ASR
- Reduced **latency by 1200ms** in TTS streaming via **buffering** optimizations, improving conversationality. Read my [blog post](#)
- Resolved **3 Sev0 incidents** and **130** runtime engine tickets across microservices using **websockets** and **message queues**

Developer Advocate and Content Creator for Growth

Mar 2024 – Aug 2024

- Initiated and **led our 2.0 documentation** revamp, reorganizing and writing content that **tripled docs traffic**
- Built 5 **GenAI apps** using **Python, TypeScript, C#, and React**, and 17 demos with 100k+ views to boost developer adoption

PROJECTS

Cookd.ca | TypeScript, NestJS, NextJS

[Website](#)

- **Co-founded** and scaled Cookd.ca, Beli but for your own cooking, to **hundreds of recipes**, quickly shipping requested features

Additional Portfolio Projects | Full-stack, AI, data, graphics, research, media

[Portfolio](#)

- Built **40+** fun projects including [Snap and Seek](#), [Been There](#), [Shower Scribe](#), [Project Carlito](#), a [snowflake simulator](#), and more!

SKILLS

Languages & Frameworks: Python, TypeScript, NextJS, C, C++, Scala, Java, JavaScript, C#, Solidity (Ethereum), SQL, GraphQL

Technologies & Platforms: Temporal, WebSocket, Google Cloud Platform, AWS, Kubernetes, Docker, Message Queues, Prisma, Pandas