

Faiz Mustansar

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Education

University of Guelph

Bachelor of Computing, Computer Science (Honours)

- Cross-enrolled at **University of Waterloo**: Application Development, User Interface, Human-Computer Interaction
- **Relevant coursework**: OOP, Data Structures, Systems Analysis & Design, Software Engineering, Reliability & Testing

Guelph, Ontario

Expected Dec 2026

Experience

Incoming Software Developer Intern

Tangerine (Scotiabank)

Software Engineer Intern (Credit Platform)

TD Bank

- Built an **AI-assisted migration POC** leveraging tools like Copilot, Claude, and OpenAI to transform legacy Java components into a modern **Spring Boot + Angular** stack, reducing estimated migration effort by **40%**.
- Improved extensibility of credit microservices by refactoring conditional-heavy logic into a modular **Command Pattern architecture**, reducing code complexity by **35%** and enabling faster feature iteration.
- Increased deployment confidence by implementing **90%+ automated test coverage** (JUnit + integration tests), collaborating with QE and engineers to ensure reliability across production services.

Toronto, Canada

May 2026 – Aug 2026

Toronto, Canada

Jan 2026 – Apr 2026

Software Engineer Intern

Brown & Beatty AI (AI Legal Tech Startup)

- Owned end-to-end design and delivery of a **production complaints & incidents dashboard** as the sole engineer from architecture to launch, eliminating manual tracking workflows and cutting administrative overhead by **60%+**.
- Independently scoped, built, and shipped **5+ full-stack features** in **TypeScript, Node.js, and PostgreSQL**, owning each module end-to-end from design to deployment using reusable API contracts and modular service boundaries.

Toronto, Canada

May 2025 – Jan 2026

Full Stack Developer Intern

University of Guelph

- Built an internal dashboard for a rental clothing service used by the business school, automating onboarding and booking workflows and reducing manual scheduling effort by **90%**.
- Integrated automation and backend logic using **Node.js and SQL**, improving data consistency and reducing user errors by **30%** across real transactions.

Guelph, Ontario

May 2025 – Aug 2025

Projects

uoguelph.courses (Co-Founder & Tech Lead) [Website](#) | TypeScript, Supabase, Python, Go, REST APIs, CI/CD

- Led development of a **React/Next.js production web app** used by **6,000+ students**, building fast, responsive UI components and optimizing client-side performance for smooth, real-time interactions.
- Designed scalable **REST APIs + PostgreSQL schema** optimizing queries, indexing, and caching to ensure low-latency responses and reliable data access at scale; platform consistently onboards **1,000+ new users/month**.
- Iteratively shipped and refined features using CI/CD and user feedback, proactively debugging edge cases and improving reliability of customer-facing flows.

Arcki [Website](#) [GitHub](#) | TypeScript, React, Next.js, Mapbox GL, Supabase, FastAPI, Python

- Contributed to a **3D world editor** enabling users to browse real-world maps, generate AI-powered architectural models, and place them in any location reaching **1K+ users, 50K+ views, and 50+ GitHub stars**.
- Integrated **React** and **Mapbox GL** to render interactive 3D scenes on live map data, enabling real-time model placement with smooth camera controls and spatial accuracy.
- Connected a **FastAPI** backend to OpenAI and FAL AI for on-demand 3D model generation from text prompts, delivering generated assets directly into the scene with low-latency API responses.

Extracurriculars

Tech Lead & Organizer

HackCanada

- Led a team of **4 developers** to architect and ship **hackcanada.org** and a scalable [judging platform](#), enabling **700+ hackers** to submit and present **200+ projects** to **30 judges** without downtime.
- Analyzed user engagement with **PostHog** across **2.5K+ page views** to identify drop-off points and iterate on platform UX, improving task completion rates for first-time hackathon participants.

Remote

Sept 2025 – Present

Technical Skills

Languages: TypeScript, JavaScript (ES6+), Java, Python, Go, C, SQL

Frameworks & Systems: React, Next.js, Node.js, Express, Spring Boot, REST APIs, Microservices

Cloud & Tools: PostgreSQL, Supabase, Docker, Git, CI/CD, AWS (S3), Google Cloud Platform, OpenAI API, Stripe, Mapbox