

# Ian Korovinsky

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## EDUCATION

### University of Waterloo

Waterloo, ON

Bachelor of Software Engineering, Cumulative GPA: 3.879

September 2023 - Present

- Neo Scholar Finalist, Former Cybersecurity Club President, Waterloo Blockchain Director of Events
- University of Waterloo Youth and Innovation Project National Advisory Council Member (2022 - Present)

## TECHNICAL SKILLS

**Awards:** 10x Hackathon Winner, \$435,000+ in Scholarship Offers, Governor General's Academic Medal

**Coding Languages:** Python, JavaScript/TypeScript, C++, Go, SQL, HTML/CSS, C, C#, Java, Solidity

**Frameworks:** Next.js, Node.js, Tailwind CSS, FastAPI, Turbopuffer, Prisma, PyTorch, LangChain, Flask, Django

**Developer Tools:** Docker, AWS (EC2, Lambda, S3, DynamoDB, SageMaker), GCP, Azure, Temporal, Figma, Git

## EXPERIENCE

### Thrive Capital

September 2025 - Present

Software Engineering Intern - Product and Engineering

New York City, NY

- Built an **internal operating system** for 70+ investors, integrating AI-driven automation workflows with **Temporal** and **Next.js**, and semantic search for PDF documents with **AWS S3** and **Turbopuffer**
- Developed **data sync pipelines** using **Snowflake**, **Cube**, **Neon**, **Python**, **Prisma**, and **Dagster**

### Hack the North

March 2024 - Present

Co-Director & Logistics Organizer - Leadership & Logistics

Waterloo, ON

- Leading a team of **45+** **organizers** to successfully host Canada's largest hackathon for **1000+** **hackers**
- Broke a world record, organized the inaugural Waterloo Tech Week, and launched a \$2K microgrants program

### Bloomberg

January 2025 - April 2025

Software Engineering Intern - Buy-Side Compliance AI

New York City, NY

- Optimized recommendation accuracy for **1,600+** **clients** by fine-tuning a **text classification model** using **PyTorch** and **Transformers** for a **700+** class problem, while contributing to **three internal ML libraries**
- Integrated advanced features into the **semantic search framework** from my previous internship, which was used as a similarity search service for a **text-to-BDD test generator** deployed to **9,000+** **engineers**

### Sibli

October 2024 - November 2024

Software Engineering Intern - Mentat

Toronto, ON

- Improved computational speed by **500%** by redesigning and rewriting a **C# ETL data-parsing pipeline** in **Python**, utilizing **SQLAlchemy** for data storage and **openpyxl** for extracting data from Excel spreadsheets
- Contributed to **5 graph algorithms** written in **Neo4j (Cypher)** and **Python**, enabling the extraction of **algebraic and topological relationships** between datapoints in financial models

### Bloomberg

May 2024 - August 2024

Software Engineering Intern - Buy-Side Compliance AI

New York City, NY

- Developed a **semantic search service** powering compliance search workflows serving **1,600+** **clients** across **5 cross-org products** in **10 languages**, leveraging **JavaScript**, **Python**, and **Apache Solr**
- Designed an **NLP-based structured data extraction framework** using **Langchain** and **ReAct agents** to support automated compliance rule generation from user search inputs

### Responsibili

July 2023 - September 2023

Data Science Intern - Data Science Platform

Toronto, ON

- Achieved **\$49,000+ in savings per year** by creating **ETL data pipelines** to aggregate corporate data from **1M+ companies** from international business registries using **Python** and **SERP**

## PROJECTS

### Axiom | Next.js, TypeScript, Y.js, Socket.io, Express, SQLite, Prisma



- Developed a **custom formal proofs editor** for University of Waterloo's SE212 logic course
- Implemented **advanced Monaco Editor features** such as code completion and reference lookups
- Engineered a **real-time collaboration system** using Express, Socket.io, Y.js, and SQLite
- Deployed the editor on university servers as a course resource for **130+ Software Engineering students**