Ian Korovinsky

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EDUCATION

University of Waterloo — Waterloo, ON
Bachelor of Software Engineering, Cumulative GPA: 3.879 — *September 2023 - Present*
- University of Waterloo Youth and Innovation Project National Advisory Council Member (2022 - Present)
- Former Cybersecurity Club President, Waterloo Blockchain Director of Events, and Eigenspace Fellow

TECHNICAL SKILLS

Awards: 10x Hackathon Winner, \$430,000+ in Scholarship Offers, Governor General's Academic Medal
Coding Languages: Python, JavaScript/Typescript, C++, SQL, HTML/CSS, C, C#, Java, Solidity
Frameworks: FastAPI, PyTorch, LangChain, Next.js, Node.js, Tailwind CSS, Flask, Django, Apache Solr, Prisma
Developer Tools: Docker, AWS (EC2, Lambda, S3, DynamoDB, Sagemaker), GCP, Azure, Figma, Jenkins, Git

EXPERIENCE

Thrive Capital — August 2025 - December 2025
Incoming Software Engineering Intern - Product and Engineering — *New York City, NY*

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**
- Developed one of the company's first prototypes of **graph-based multi-agent systems** leveraging LLMs

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
- Co-organized a **two-week testing summit** for **60+ engineers** that increased test coverage across **14 projects**

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**

Responsibli — 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**
- Developed **web-scraping tools** for data collection using **Selenium**, **BeautifulSoup4**, and **reverse proxies**

PROJECTS

Axiom | *Next.js, Typescript, Y.js, Socket.io, Express, SQLite, Prisma* 🔗
- Developed a **custom programming language 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, enabling live presence tracking and collaborative editing for group projects
- Deployed the editor on university servers as a course resource for **130+ Software Engineering students**