SIMON ILINCEV

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EDUCATION

Cornell University Ithaca, New York
Bachelor of Science in Computer Science *GPA: 4.12/4.00* Aug 2023 – Dec 2026

Relevant Coursework: *Object-Oriented Programming and Data Structures, Functional Programming, Linear Algebra, Discrete Structures, Engineering Applications of Operations Research*

EXPERIENCE

Student Agencies Ithaca, New York
Director of Enterprise Technology Mar 2024 – Present

- Developing a Svelte platform to streamline operations for a shipping firm with $2.5M+ in revenue by centralizing Salesforce, Homebase, and SharePoint logistical data.
- Automated shipment tracking, shift scheduling, and client emailing via FedEx & Google Calendar APIs.

Leveled (Stealth Startup) Remote
Cofounder and Chief Technology Officer Nov 2023 – Present

- Building a React Native app that teaches Mandarin via easy stories generated by a fine-tuned LLM.
- Created Spacy NLP pipeline to accurately tokenize and difficulty-assess Chinese text for use in RLHF.
- Architected and implemented a RESTful Go API featuring JWT authentication, websocket streaming, and Azure Cognitive Services integration.

Cornell Digital Tech & Innovation Student Project Team Ithaca, New York
Software Engineer on CoursePlan Oct 2023 – Present

- Designed efficient algorithm and creating Vue.js components for new semester schedule-generating feature in an Agile team.
- Built a Google Cloud Function to dynamically filter extraneous JSON course information, reducing initial site data load by 80%

Rockwell Automation Prague, Czechia
Embedded Software Engineer Intern Jan 2023 – Jun 2023

- Developed a multithreaded hardware reservation system for use by ~100 company engineers.
- Built internal Python package, created Django API, and extended existing GUI app to interact with bespoke MySQL database.

SKILLS

Languages & Frameworks:	TypeScript, Go, Python, Java, OCaml, Svelte, Vue, Flask, LaTeX
Tools & Packages:	PostgreSQL, Git, Spacy, Tailwind, Apache ECharts, Cloudflare
Natural Languages:	English & Czech (Native), Mandarin (Fluent), Spanish (Intermediate)

SELECTED SIDE PROJECTS

Lingotrack *Go, TypeScript, SvelteKit, Postgres, Digital Ocean* lingotrack.com
Full-stack social platform (~20k views/mo) that empowers language learners to track their progress and connects them with accessible foreign media.

ColdCraft *TypeScript, Flask, Svelte, Firebase, Mistral* coldcraft.ai
Chrome extension with associated site that integrates with LinkedIn, Gmail, GCal, your CV, and LLMs to generate hyperpersonalized cold emails.

Chess Graph *Python, Plotly, Pandas, Numpy* ⬡ Destaq/chess-graph
Sophisticated PyPI package (4k+ downloads to date) that visualizes a chess player's history, highlights their best moves, and provides further useful, exportable insights.

SELECTED ACHIEVEMENTS

LinkedIn & Cisco Sponsor Awards BOOM
ColdCraft.AI won 2/5 corporate sponsor awards at Cornell's school-wide annual project fair. Apr 2024

45/45 International Baccaleaurate Score IBO
One of only 179 students of 179k+ worldwide to earn a perfect diploma score. Jul 2023

Best Solo Hack Develop to Disrupt
Built a Twitter-esque language-learning web app for a Canadian hackathon with ~80 participants. Sep 2021