SIMON ILINCEV

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EDUCATION

Cornell University   Ithaca, New York

BSc in Computer Science *GPA: 4.08*   Aug 2023 – Dec 2026

Relevant Coursework: *Object-Oriented Programming and Data Structures, Functional Programming, Database Management Systems, Systems Programming, Discrete Structures*

Study Abroad: *Hong Kong University of Science & Technology (Summer 2024)*

EXPERIENCE

AlgoLink   Remote
Software Engineer Intern   May 2024 – Present

- Leading devops & full-stack (React + Django) development of an HR startup's core web platforms.
- Implemented realtime chat, secure JWT middleware, AWS CI/CD pipelines, email verification, and user management system; continually applying Figma designs.

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

- Centralized Salesforce, Homebase, and Sharepoint logistical data in a SvelteKit dashboard for a shipping firm with $2.5M+ in revenue using Shadcn/UI and Firebase.
- Created a TypeScript heuristic to optimize appointment fulfillment, saving managers 10 hrs/wk.
- Automated shift scheduling, package labeling, and shipment tracking via FedEx & GCal APIs.

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

- Lecturing INFO 1998: Trends in Web Development, a for-credit Cornell course with 30+ students.
- Building email reminder system & Vue components for a scheduling app (5,000+ users) in an Agile team.
- Made a Google Cloud Function to filter extraneous JSON course data, reducing site 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.
- Shipped 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, React, Flask, LaTeX
Tools & Packages:	PostgreSQL, Git, Firebase, Tailwind, Digital Ocean, Spacy
Natural Languages:	English & Czech (Native), Mandarin (Fluent), Spanish (Intermediate)

SELECTED SIDE PROJECTS (MANY MORE ON DESTAQ)

Lingotrack *Go, TypeScript, SvelteKit, Postgres, Digital Ocean*   lingotrack.com
Full-stack social platform (~20k views/mo, $1.5k ARR) ft. websocket streaming and a CDN that empowers language learners to track their progress and connects them with accessible foreign media.

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

SELECTED ACHIEVEMENTS

Best App Built on Groq   Hack the North
#1/43 teams for Groq's track at Canada's largest hackathon with our multimodal AI note-taker.   Sep 2024

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 out 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