

# SIMON ILINCEV

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## EDUCATION

### Cornell University

Bachelor of Science in Computer Science

Ithaca, New York

Aug 2023 – May 2026

### Park Lane International School

IB Diploma in CS, Mathematics, & Physics (HL) *GPA: 45/45 – 4.00*

Prague, Czechia

Sep 2021 – May 2023

### Park Lane International School

Cambridge IGCSE *GPA: 10 A\* grades – 4.00*

Prague, Czechia

Sep 2019 – Jun 2021

## EXPERIENCE

### Rockwell Automation

*Embedded Software Engineer Intern*

Prague, Czechia

Jan 2023 – Jun 2023

- Developed an asynchronous hardware reservation system for use by ~100 company engineers.
- Inaugural Prague branch intern — pioneered future simultaneous four-intern program.
- Built internal Python package, created Django API, and extended existing GUI app to interact with bespoke MySQL database.

### Heavenly Path

*Co-founder and Technical Director*

Remote

Jan 2022 – Present

- Co-creating a non-profit online resource (8k+ pageviews / mo) that reviews Chinese media in a learner-centric manner.
- Configure DNS records, develop Python script for NLP media analysis, and manage custom email address.
- Collaborated on a dozen in-depth guides on improving fluency and contributed 40+ media reviews.

### Mandarin Companion

*Content Writer*

Remote

Oct 2021 – Apr 2022

- Worked closely with a Chinese book publisher to write >10k words worth of informative learner articles.
- Alpha-tested website for founders and researched topics for company blog and podcast work.

## SKILLS

Languages & Frameworks: Python, Go, Java, TypeScript, Vue, Svelte, Flask,  $\text{\LaTeX}$   
Databases & Packages: PostgreSQL, NLTK, Auth-Next, ECharts, Axios, Tailwind  
Natural Languages: English (Native), Czech (Native), Mandarin (C1), Spanish (A2)

## PROJECTS

### Lingotrack Go, TypeScript, SvelteKit, Postgres, Ubuntu

[lingotrack.com](http://lingotrack.com)

A community-powered platform that empowers language learners to track their progress and connects them with foreign media.

### Online Life Calendar Python, JavaScript, Flask, Postgres

[github.com/Destaq/life-calendar](https://github.com/Destaq/life-calendar)

A web app that allows you to view and plan your life visually from days to decades by seeing statistics, creating quantitative life goals, and journaling.

### Chess Graph Python, Plotly, Pandas, Numpy

[github.com/Destaq/chess-graph](https://github.com/Destaq/chess-graph)

A sophisticated Python package that visualizes a chess player's history, highlights their best moves, and provides further useful insights.

## AWARDS

### School-wide Computer Science Award

PLIS

recognized for exceptional effort and achievement in Computer Science. Also received in June 2020. Jun 2022

### Exceptional Academic Achievement

PLIS

awarded by my school for outstanding academic attainment. Also received in June 2021 and 2020. Jun 2022

### Senior Gold Award - Best in School

United Kingdom Mathematics Trust

performed the best school-wide in an international annual mathematics competition.

Nov 2021

### Best Solo Hack

Develop to Disrupt

built a Twitter-esque language-learning web app for a Canadian hackathon with ~80 participants. Sep 2021