# SIMON ILINCEV

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## EDUCATION

**Cornell University**  Ithaca, NY
Bachelor of Science in Computer Science  Aug 2023 – May 2027

**Park Lane International School**  Prague, Czechia
IB Diploma in CS, Mathematics, & Physics (HL) *GPA: 45/45 – 4.00*  Sep 2021 – May 2023

**Park Lane International School**  Prague, Czechia
Cambridge IGCSE *GPA: 10 A\* grades – 4.00*  Sep 2019 – Jun 2021

## EXPERIENCE

**Rockwell Automation**  Prague, Czechia
*Embedded Software Engineer Intern*  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 and Django API for interaction with bespoke MySQL database.

**Mandarin Companion**  Remote
*Content Writer*  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

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|---|---|
| Languages & Frameworks: | Python, Go, JavaScript, Vue.js, Nuxt.js, Flask, LaTeX |
| Databases & Packages: | PostgreSQL, NLTK, Auth-Next, ECharts, Axios, Spacy |
| Natural Languages: | English (Native), Czech (Native), Mandarin Chinese (CEFR C1 / ILR 3) |

## PROJECTS

**Language Learning Dashboard** *Nuxt, Flask, ECharts, Postgres*  github.com/Destaq/ll-dashboard
A detailed dashboard to log language learning, set goals, view progress, and more.

**Online Life Calendar** *Python, JavaScript, Flask, Postgres*  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, noting down life goals, and journaling.

**Chess Graph** *Python, Plotly, Pandas, Numpy*  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.

## ACADEMIC AWARDS

**1580 SAT Score**  CollegeBoard
790 EBRW, 790 Math.  Aug 2022

**School-wide Computer Science Award**  PLIS
recognized for exceptional effort and progress in the subject of Computer Science. Also received in June 2020. Jun 2022.

**Exceptional Academic Achievement**  PLIS
recognized for exceptional effort, progress, and achievements by my school. Also received in June 2021 and June 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 disruptive, full-stack language-learning web app in an international hackathon with nearly a hundred submissions.  Sep 2021

**Senior Gold Award**  UKMT
top 10% performance in an annual international mathematics competition.  Mar 2021