

# SIMON ILINCEV

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## EDUCATION

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<b>Cornell University</b> Bachelor of Science in Computer Science	Ithaca, New York Aug 2023 – May 2027
<b>Park Lane International School</b> IB Diploma in CS, Mathematics, & Physics (HL) <i>GPA: 45/45 – 4.00</i>	Prague, Czechia Sep 2021 – May 2023
<b>Park Lane International School</b> Cambridge IGCSE <i>GPA: 10 A* grades – 4.00</i>	Prague, Czechia Sep 2019 – Jun 2021

## EXPERIENCE

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<b>Rockwell Automation</b> <i>Embedded Software Engineer Intern</i>	Prague, Czechia Jan 2023 – Jun 2023
<ul style="list-style-type: none"><li>Developed an asynchronous hardware reservation system for use by ~100 company engineers.</li><li>Inaugural Prague branch intern — pioneered future simultaneous four-intern program.</li><li>Built internal Python package, created Django API, and extended existing GUI app to interact with bespoke MySQL database.</li></ul>	
<b>Heavenly Path</b> <i>Co-founder and Technical Director</i>	Remote Jan 2022 – Present
<ul style="list-style-type: none"><li>Co-creating a non-profit online resource (5k+ pageviews / mo) that reviews Chinese media in a learner-centric manner.</li><li>Configure DNS records, develop Python script for NLP media analysis, and manage custom email address.</li><li>Collaborated on a dozen in-depth guides on improving fluency and contributed 40+ media reviews.</li></ul>	
<b>Mandarin Companion</b> <i>Content Writer</i>	Remote Oct 2021 – Apr 2022
<ul style="list-style-type: none"><li>Worked closely with a Chinese book publisher to write &gt;10k words worth of informative learner articles.</li><li>Alpha-tested website for founders and researched topics for company blog and podcast work.</li></ul>	

## SKILLS

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Languages & Frameworks:	Python, Go, JavaScript, TypeScript, Vue, SvelteKit, Flask, L <sup>A</sup> T <sub>E</sub> X
Databases & Packages:	PostgreSQL, NLTK, Auth-Next, ECharts, Axios, Spacy
Natural Languages:	English (Native), Czech (Native), Mandarin Chinese (CEFR C1)

## PROJECTS

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<b>Language Learning Dashboard</b> <i>Nuxt, Flask, ECharts, Postgres</i>	<a href="https://github.com/Destaq/ll-dashboard">github.com/Destaq/ll-dashboard</a>
A detailed dashboard to log language learning, set goals, view progress, and more.	
<b>Online Life Calendar</b> <i>Python, JavaScript, Flask, Postgres</i>	<a href="https://github.com/Destaq/life-calendar">github.com/Destaq/life-calendar</a>
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.	
<b>Chess Graph</b> <i>Python, Plotly, Pandas, Numpy</i>	<a href="https://github.com/Destaq/chess-graph">github.com/Destaq/chess-graph</a>
A sophisticated Python package that visualizes a chess player's history, highlights their best moves, and provides further useful insights.	

## AWARDS

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<b>School-wide Computer Science Award</b>	PLIS
recognized for exceptional effort and achievement in Computer Science. Also received in June 2020.	Jun 2022
<b>Exceptional Academic Achievement</b>	PLIS
awarded by my school for outstanding academic attainment. Also received in June 2021 and 2020.	Jun 2022
<b>Senior Gold Award - Best in School</b>	United Kingdom Mathematics Trust
performed the best school-wide in an international annual mathematics competition.	Nov 2021
<b>Best Solo Hack</b>	Develop to Disrupt
built a disruptive, full-stack language-learning web app in an international hackathon with nearly a hundred participants.	Sep 2021