

# Steve Mendelev

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## EDUCATION

<b>Stanford University</b> B.S. Math, Physics, Computer Science <i>GPA: 3.8</i>	Stanford, CA - June 2026
<b>International School of Luxembourg</b> International Baccalaureate <i>42/45</i> , IGCSE <i>8 A*s</i>	Luxembourg - May 2023
<b>Courses:</b> Computer Systems, Programming Abstractions, Real Analysis, Linear Algebra, Multivariable Calculus, Mechanics & Special Relativity, Differential Forms & Manifolds, Quantum & Thermal Physics, E&M with Special Relativity	

## EXPERIENCE

<b>3D Arithmetic Billiards Research</b> <i>University of Luxembourg</i>	2022 - 2024
<ul style="list-style-type: none"><li>Wrote Python sequence generation and visualization programs</li><li>Proved new theorems in co-authored paper with Prof. Perucca</li><li>Won top prize @ Luxembourg Science Contest + 3rd in Math @ Taiwan</li></ul>	
<b>Middle School Code Club</b> <i>Founder</i>	2020 - 2023
<ul style="list-style-type: none"><li>Founded and grew club to 20+ members</li><li>Taught Python to middle school students</li><li>Prepared weekly content, quizzes and mini-projects that kids continued beyond class</li></ul>	
<b>CoronaAI Founder (acqui-hired)</b> <i>Luxembourg Tech School</i>	2020 - 2021
<ul style="list-style-type: none"><li>Developed Covid-19 search-engine for Luxembourg powered by <u>Wit.ai-developed NLP model</u></li><li>Won 1st and \$3000 @ National Hackathon</li><li>Acqui-hired by Luxembourg Tech School as Lead Engineer to continue development</li></ul>	

## AWARDS

<b>3rd Award in Math</b>	Taiwan International Science Fair   2024
<b>2nd @ Jane Street Estimation</b>	Jane Street   2024
<b>Invited to Citadel Datathon</b>	Citadel   2024
Explored transportation dataset with <u>Pandas</u> & <u>Matplotlib</u> to conclude seasonality and unemployment elasticity in train usage.	
<b>Invited to X Developer Challenge @ SF HQ</b>	X/Twitter   2024
Trained <u>Grok</u> via few-shot in-context learning, used <u>X API</u> and <u>Streamlit</u> to create an all-in-one Twitter analytics search-engine.	
<b>3rd &amp; Special Prize Winner</b>	Belgian Math Olympiad   2023
<b>3x Gold</b>	UK Maths Challenge   2023
<b>Selected as 1 of 28 Yale Entrepreneurial Society Fellows</b>	Yale Entrepreneurial Society   2021
<b>1st in Legal Category + invited to pitch @ investor summit</b>	UC Santa Cruz Hacks   2021
Cold-mailed <u>Greg Brockman</u> in Dec 2020 to get early-access to <u>GPT-3</u> . Trained it to convert employment and NDA contracts to plain English for the average person.	

## HOBBIES

<b>Poker Player</b> <ul style="list-style-type: none"><li>Invited to MIT PokerFest 2024 as 1 of 90 qualifiers among 1400 participants</li><li>~ \$1000 in tournament earnings + winning online cash game player @ 5NL stake</li></ul>	2022 - Present
<b>Speedcuber</b> <ul style="list-style-type: none"><li>Top 7 nationally in 3x3 and 4x4 cubes</li><li>Unofficial 3x3 personal best of 8.70s</li></ul>	2014 - Present
<b>Stanford Daily Humour Writer</b> <ul style="list-style-type: none"><li>Write and brainstorm weekly satire pieces</li><li>Hold record for <a href="#">shortest ever article</a> in Stanford Daily history</li></ul>	2023 - Present

## SKILLS

<b>Programming:</b>	Python, C/C++, JavaScript/TypeScript, HTML/CSS, Data Structures, Algorithms
<b>Frameworks/Libs:</b>	React, Next.js, Tailwind CSS, Streamlit, Pandas, NumPy, Matplotlib
<b>Dev Tools:</b>	Git, GitHub, VS Code, Qt Creator, Wit.ai, PyTest + Unittest
<b>Languages:</b>	German, French, Russian, English