

FREDERIK SPORS

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EDUCATION

- 08/23 – Present **Double major undergraduate student at Pomona College, USA**
- Major: Neuroscience (B.S) and Economics (B.S.), Minor: Data Science (B.S.)
 - Relevant courses: Biology, Organic Chemistry, Cognitive Science, Psychology, Microeconomics, Macroeconomics, Health Economics, Programming in Python, Data Science with R
 - Current GPA: 3.89/4.00
- 08/10 – 05/23 **International Baccalaureate student at Berlin British School (BBS), Germany**
- Relevant courses: Biology, Economics, English, Geography, German and Mathematics
 - GPA: 40/45 points

WORK EXPERIENCE

- 08/23 – Present **Teaching Assistant for the German Department at Pomona College, USA**
- Supporting advanced German language classes by grading assignments with detailed evaluations
 - Providing individualized feedback to improve students' written and spoken German, focusing on grammar, vocabulary, and style
 - Conducting one-on-one coaching sessions to enhance oral proficiency, using role-playing exercises
- 06/24 – 09/24 **Summer Intern at BORSIG GmbH, an engineering firm specializing in equipment and systems for power, chemical, and petrochemical industries, Germany**
- Streamlined business processes in accounting to introduce automation and increase accuracy
 - Collaborated with sales teams to process 100+ invoices more efficiently using SAP
 - Assisted the CEO in an ongoing M&A transaction by conducting market research
- 01/24 – 04/24 **Research Assistant in the Chemistry Department for Prof. Liu at Pomona College, USA**
- Conducted SELEX (Systematic Evolution of Ligands by Exponential Enrichment) experiments to develop aptamers with high specificity for target molecules, contributing to advancements in molecular recognition research
 - Designed and executed laboratory protocols, including DNA library preparation, binding assays, and iterative selection cycles, to enhance the efficiency of aptamer selection
 - Analyzed experimental data using quantitative techniques to identify promising candidates, refining methodologies and presenting preliminary findings during lab meetings

EXTRACURRICULAR

- 10/24 – Present **Investment Analyst at Sagehen Capital Management, a student-run equity fund managing 1+ m. USD, USA**
- Conducting comprehensive equity research, analyzing financial statements, industry trends, and competitive positioning to identify attractive investment opportunities
 - Calculating financial ratios to assess valuation metrics, e.g., price-to-earnings ratios
 - Presenting detailed stock pitches to the club board, providing actionable insights to inform investment strategies and decision-making processes
- 09/23 – Present **Intramural Soccer Captain at Pomona College, USA**
- Playing as the primary goalkeeper, consistently delivering strong performances and representing the team in the inter-school league
 - Winner of 2024 Intramural Championship from 14 teams
- 09/21 – 05/23 **Chair of Student Council at Berlin British School, Germany**
- Led weekly meetings between student representatives and the school board
 - Spearheaded successful fundraising campaigns, raising 10k+ EUR to upgrade equipment of the sports department
 - Initiated a peer mentorship program with 100+ participants to support academic and social inclusion by providing confidential support and guidance
- 04/19 – 05/23 **Model United Nation (MUN) conferences, simulating debates of the UN, Germany**
- Debated at 5+ international Model United Nations and collaborated with delegates to write resolutions addressing global issues such as climate change, international security, and human rights
 - Organized a MUN conference in Berlin, Germany, involving 120+ participants from multiple schools (recruiting delegates, managing logistics, leading debates as committee chair)

AWARDS

- 09/18 – 05/23 **Duke of Edinburgh Gold Award, sole recipient of the highest level in Germany for that year**
- Organized and led a self-sustaining trekking expedition with 10+ peers in a nature reserve in Bavaria
 - Dedicated 24 months to voluntary service and physical activities, including regular sports training, mentorship roles, and community service
- 01/23 **Mathematics Award** granted annually to the best mathematician in the year group at Berlin British School

SKILLS & INTERESTS

- Skills:** Microsoft Office, Python, SAP
- Interests:** Soccer/Bundesliga, Piano (13 years), Violin (12 years, first violin at an 80+ student orchestra), Tennis, Taekwondo, Rowing (RV Collegia 1895 rowing crew), Beekeeping
- Languages:** English (native), German (native), Spanish (beginner, language exchange with Colegio Ramón y Cajal Madrid, Spain)