Sara Barthel de Weydenthal

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EDUCATION

University of Washington, Department of Applied Mathematics   **Seattle, WA**
Intended Bachelor of Science in Computational Finance and Risk Management   September 2023
GPA: 3.83/4.00, Dean's List
Clubs: UW Investment Group, Web Impact UW, Software Engineering Career Club
Relevant completed courses: Math 120 (pre-calc), Math 124 (calc 1), CSE 121, CSE 122, CSE 123, ECON 200, ECON 201

WORK EXPERIENCE

Crystal Equation (subcontractor for Meta)   **Warsaw, Poland**
Junior Data Operations Engineer (Internship)   June 2022- August 2022
- Contributed to the Data Operations Product & Services team on Meta's internal tools. The team functions as part of Meta's Enterprise Infrastructure and Security (EIS) Product and Analytics (EPA) team.
- Responsible for programming Python data pipelines in DataSwarm (data engineering)
- Created reports and queries on Presto (data analytics)
- Debugged and resolved exceptions in Hacklang (back-end programming)
- Collaborated with engineers from Ireland and Menlo Park to resolve UI issues with React (front-end programming)

Kids Code Fun   **Warsaw, Poland**
Programming Instructor   *January 2018- June 2021*
- Taught individual workshops between 2018 and 2019. This included events at Google Campus Warsaw and Meta's Przestrzeń. From 2019 to 2021 I instructed web development weekly to a group of students (HTML, JavaScript, CSS).

Girls Code Fun   **Warsaw, Poland**
Programming Instructor and Intern   *January 2018- November 2020*
- Over 2 years, I conducted a weekly web development course (JavaScript, HTML, CSS) on a beginner and intermediate level for students aged 10-14 (cumulatively 40+ people). Upon its completion, each student created a web-based, interactive game and was able to use JavaScript syntax freely.

ACTIVITIES

University of Washington Investment Group   **Seattle, WA**
Director of Marketing and Junior Analyst   *October 2023- Present*
- The only freshman on the executive board of the Investment Group in the history of the club.
- Promoted to Director of Marketing after one quarter. Responsible for creating social media posts, editing of the website, creating the newsletter and conducting interviews.
- Selected as the top analyst for my stock pitch of Microsoft.
- Promoted to Junior Analyst from being a member for my stock pitch of NVIDIA.
- Constructed a stock pitch and performed technical stock analysis.

Cash is Class,   **Warsaw, Poland**
Founder, Leader, Lead Programmer   September 2021- January 2023
- Founded a social project that fostered financial literacy among Polish youth.
- Led a team of 6 in designing a social media campaign, researching topics and networking with sponsors.
- Researched and wrote articles on fundamental economics.
- Designed and programmed the website in HTML, JavaScript and CSS.
- The project reached 50 000+ people.

ADDITIONAL INFORMATION

Honors: Dean's List
Skills: Polish (fluent/ native), English (fluent/ native), French (intermediate), CSS, JavaScript, jQuery, Python, React Native, HTML, Microsoft Excel, Microsoft PowerPoint
Programming Projects: Personal website, Facial Emotion Detection algorithm, Stock Price Prediction Algorithm, Budgeting web application