

John L. Schmitt

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EDUCATION

University of Wisconsin-Madison

Honors College of Letters and Sciences

Major: Computer Science | Minors: Math, German

GPA: 3.77

SAT Score: 1540/1600 (Math: 800 English: 740)

Madison, WI

December 2024

Languages and Frameworks: Java, Rust, Python, JavaScript, Linux, C, SQL, HTML, CSS, React, React Native, Git, Visual Basic

Software Development Projects

(GitHub: [jjschmitt1](#))

- **Sports Betting Arbitrage Finder (Arbet):** Full-stack developed a sports betting arbitrage finder that utilizes an open-source API and JSON. It is programmed in Node.js and Rust. This project was inspired by combining my passions for sports and data
- **Dynamic Stride Scheduler:** Developed a stride scheduler in xv6 that incorporated dynamic ticket allocation, allowing the scheduler to deterministically schedule processes based on changing workloads, priorities, or resource usage. Programmed in C
- **Badger Chatroom:** Developed a functioning chatroom using React Native, JavaScript, and a given API that allowed users to create an account and post to different chatrooms. Those not signed in still had access to the chatrooms, but could not post

PROFESSIONAL EXPERIENCE

Caurus

Software Engineering Intern

Remote

May 2024 – August 2024

- Worked with a small engineering team at a revenue generating data infrastructure startup
- Assisted with product ideation through curation of potential clients, participation on client discovery calls, and ideation talks
- Learned the intricacies of what a modern data stack looks like, and which technologies fit into the stack most effectively
- Completed a replicator program in Rust to assist the team with future testing methods. This program empowers our engineers to bootstrap from a heterogeneous machine cluster to an experimental service cell with a single command spot

UBS

Corporate Cash Management Group Intern

Chicago, IL

May 2023 – August 2023

- Developed an understanding of the importance of fostering strong and lasting client relationships through communication
- Gained an understanding of VBA to innovate macros which automate time-consuming daily tasks
- Perform quantitative research on current market trends and client holdings for the managing director - \$45 billion business
- Collaborated with team members to present weekly team presentations and an end-of-summer capstone project

Butler National Golf Course

Honor Caddie

Oakbrook, IL

May 2016 – August 2023

- Quickly worked up to becoming the highest level of caddie after only two seasons at the club
- Assist with caddie training by passing on course knowledge each spring to younger inexperienced caddies

LEADERSHIP & INVOLVEMENT

Sales & Trading and Asset Management Club

Associate Member

Madison, WI

February 2023 – December 2024

- 1 of 6 sophomores chosen in the Spring 2023 application cycle which had a 17% acceptance rate and rigorous interview process
- Network with students recruiting for Sales & Trading or Asset Management who secured full-time offers from prestigious firms

Badger Tank UW-Madison

Associate Member

Madison, WI

October 2022 – December 2023

- Attend meetings to discuss and develop entrepreneurial ideas as well as network with other like-minded members
- Simulated the activities of a new startup in groups over the course of each semester, stepping through each step of the process

La Grange Celtics Soccer Player & Volunteer Coach

Captain and Volunteer Coach

La Grange, IL

July 2018– July 2021

- Assisted coaching children primarily aged 8-12 through various intensive drills and exercises
- Successfully captained a high-level travel soccer team in league and tournament matches across the Midwest

INTERESTS

Interests: Golf, Cooking, Premier League Soccer, Chicago Sports Teams, Skiing, Computer Programming, Weightlifting, Geography