Soren Vanderborgh

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EDUCATION

University of Colorado Boulder　　　　　　　　　　　　　　　**Boulder, CO**
Bachelors of Science in Applied Mathematics　　　　　　　　　*August 2023-January 2027*

Minors: Computer Science, Economics
GPA: 3.8
Technical Skills: Java, Kotlin, Typescript, C++, C, Python, R-Studio, MongoDB, Redis, MySQL, PostgreSQL, Docker, Kubernetes, React
Relevant Coursework: Stochastic Analysis of Financial Models, Self Study of Algorithmic Game Theory

PROFESSIONAL EXPERIENCE

Fanatics　　　　　　　　　　　　　　　　　　　　　　　**Denver, CO (Hybrid)**
Quantitative Analyst Intern　　　　　　　　　　　　　　　　*June 2025-August 2025*

- Developed and implemented predictive models for sports betting using Python and C, analyzing large datasets to improve pricing accuracy, risk management, and trading strategies.
- Collaborated with quants and product teams to enhance a proprietary trading platform, contributing to model documentation, data sourcing, and ongoing research in quantitative finance and betting markets.

Tranquil, LLC.　　　　　　　　　　　　　　　　　　　　**Boulder, CO**
Founder　　　　　　　　　　　　　　　　　　　　　　　　*September 2023-Present*

- Administrated four overseas teams with several different time zones and skill sets.
- Generated peak monthly profits of ~$18,000 by contracting services to companies and media agencies.
- Strategized the creation and growth of a development/digital marketing company.

FrozenOrb Games　　　　　　　　　　　　　　　　　　**Los Angeles, CA (Remote)**
Software Engineering Intern　　　　　　　　　　　　　　　*November 2018-August 2019*

- Developed and maintained systems and software for java-based games that were played by millions of players across the lifetime of the company.
- Worked with virtual machines in the cloud to manage thousands of user accounts data and game data.
- Deployed and managed cloud-based game servers, handling game data and user account information for thousands of players.

LEADERSHIP AND INVOLVEMENT

Rocky Mountain AI Interest Group　　　　　　　　　　　　**Boulder, CO**
Student Board Member　　　　　　　　　　　　　　　　　　*June 2025-Present*

- Selected as a Student Board Member for RMAIIG, contributing to event planning, speaker outreach, and strategic growth of a 2,800+ member AI community.

CU Quants　　　　　　　　　　　　　　　　　　　　　　**Boulder, CO**
Vice President of Operations　　　　　　　　　　　　　　　　*August 2025-Present*

- Supported operations for CU Quants by maintaining the club website, organizing shared resources in Google Drive, and managing internal communications and scheduling.
- Tracked member participation, documented meetings, and assisted with outreach to guest speakers and industry professionals for events and collaborations.

Landsharks Robotics Club　　　　　　　　　　　　　　　　**Boulder, CO**
Member　　　　　　　　　　　　　　　　　　　　　　　　*September 2020-September 2022*

- Contributed to the development of robot control code, including movement algorithms, ball tracking systems, and decision-making logic for autonomous operation.
- Collaborated on mechanical design using SolidWorks and assisted with assembling physical components, ensuring alignment between software functionality and hardware performance.

INTERESTS

Skiing, Cooking, Nujabes, Swimming, Cryptography, Star Wars, Lego, Predictive Sports Analysis, Soccer