Jacob Berger

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EDUCATION

Oregon State University Honor's College
Bachelor's of Science in Applied Computer Science, Computational Mathematics

September 2022 - June 2026, Corvallis, Oregon

Concentration in Artificial Intelligence

GPA of 3.9

Relevant Coursework: Applied Differential Equations, Linear Algebra II, Advanced Calculus II, Vector Calculus II, Analysis of Algorithms, Software Engineering II

EXPERIENCE

AI Startup with OSU's STAR Research Lab, Corvallis, Oregon — *Language Model and Software Engineer*

March 2023 - Current

Developed language model pipeline to train and run

Worked closely with a team to research and move towards production

Built website infrastructure to host our service

MU Lanes and Games, Corvallis, Oregon — *Mechanic, Head Mechanic*

March 2023 - Current

Maintained bowling alley machines and equipment

Worked with mechanics and management team to solve many types of problems

Organized large-scale projects in maintaining and enhancing the center

MU Student Activities and Advisory Board, Corvallis, Oregon — *Vice-Chairman*

June 2024 - Current

Oversaw budget preparation for OSU's Memorial Union

Managed board members and facilitated high-level MU meetings

SKILLS

Programming Languages
Python, C++, Java, Javascript, x86 Assembly

Machine Learning and AI
Open-source LLMs, PyTorch

Software
Unix, Visual Studio

Fluent in Spanish
9 years of Spanish immersion

AWARDS

Putnam Competition Award
Top 3 Oregon State University Finisher

Finley Academic Excellence
$20,000 scholarship for Oregon State

Lakeridge High School Math Merit Award
Awarded to only two students in the 1000 student class

EXTRACURRICULARS

Competitive Math
Oregon State Putnam and COMAP Competitions

State Mathcounts Competitor

Competitive Bowling
Lakeridge bowling team captain

All-Star individual qualifier

Rowing
Rose City team leader

2-time national qualifier