



Jacob Berger

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EDUCATION

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

September 2022 - June 2026, Corvallis, Oregon

Concentration in Artificial Intelligence

GPA of 3.9+

Relevant Coursework: Machine Learning & Data Mining, Intro to Artificial Intelligence, Analysis of Algorithms, Operating Systems, Data Structures, Mathematics of Data Science (Graduate Level), Numerical Analysis, Linear Algebra II, Advanced Calculus II, Mathematical Statistics

EXPERIENCE

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

March 2023 - Current

Developed language model pipeline to train and deploy

Collaborated with a research team to lead the writing of an SBIR proposal

Built website infrastructure to host our service

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

December 2022 - Current

Maintained bowling alley machines and equipment

Worked with mechanics and management team to solve a variety 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, LLM Fine-tuning, LLM APIs

Software

Linux, Git, AWS, Wordpress

Fluent in Spanish

9 years of Spanish immersion

AWARDS

Putnam Math 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

Founded the Oregon State University National Collegiate Bowling Team

All-Star individual qualifier

Rowing

Rose City team leader

2-time national qualifier