



# 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 deploy

Worked closely with a research team to write 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, OpenAI API

### Software

Unix, AWS, Wordpress

### 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

Founded the Oregon State  
University National Collegiate  
Bowling Team

All-Star individual qualifier

### Rowing

Rose City team leader

2-time national qualifier