



# 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  
TEST

## 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,  
Matlab, x86 Assembly

### **Machine Learning and AI**

Open-source LLMs, PyTorch, LLM  
Fine-tuning and 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

