



# Jacob Berger

Corvallis, Oregon  
971-279-3048  
[jacob@bergerj.com](mailto:jacob@bergerj.com)  
<https://bergerj.com>

## 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:** Applied Differential Equations, Linear Algebra II, Advanced Calculus II, Vector Calculus II, Analysis of Algorithms, Software Engineering II, Modern Algebra, Intro to AI

## 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, LLM APIs

**Software**  
Linux, Git, 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