

Jacob Munly

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EDUCATION

Bachelor of Science in Computer Science

Expected June 2027

Oregon State University - Corvallis, OR

GPA: 3.9

- Concentration in Computer Systems, Minor in Mathematics.
- Relevant Coursework: Cybersecurity, Computer Networks, Claude Academy Data Structures & Algorithms, Multivariable Calculus, Database Systems, Statistics, Technical Writing, Operating Systems, Numerical Analysis, Web Development, Software Engineering, Linear Algebra II.
- Honors & Awards: 9x Oregon State Dean's List, Len Case Academic Achievement Award.

SKILLS & PROJECTS

Technical Skills

- C, C++, Python, Javascript, Node.js, Express, SQL, HTML & CSS, Agentic AI, Vibecoding
- AVR & RISC-V based Microcontrollers, Embedded Systems, Git, LaTeX, Microsoft Excel.
- Object-Oriented Programming, Software Design Principles, Hardware-Software Integration.

CFB Pick 'Em (*PostgreSQL, EJS, Node.js, Express, CollegeFootballData API*)

June 2026

- Built and deployed a full-stack college football prediction platform, supporting user authentication, weekly pick submissions, and season-long rankings.
- Architected relational database models and backend APIs to manage users, games, picks, and leaderboard calculations with persistent PostgreSQL storage.
- Integrated external sports data services to automate game schedule and results processing, reducing manual data entry and enabling accurate scoring updates.

Textplorer (*Javascript, Node.js, HTML, CSS*)

January 2026

- Developed a web-based platforming game that uses a custom built parser that dynamically converts uploaded .txt files into playable game levels.
- Built a responsive frontend with HTML/CSS and JavaScript to ensure seamless gameplay.

WORK EXPERIENCE

Learning Assistant

May 2026 - Present

Oregon State University - Corvallis, OR

- Provided in-class academic support for 120+ students in Multivariable Calculus and Discrete Mathematics, clarifying complex concepts and assisting with challenging problems.
- Maintained expert-level knowledge of course material through rigorous preparation for lectures, assignments, and examinations.

President

June 2025 - Present

Oregon State Men's Lacrosse - Corvallis, OR

- Managed \$100,000+ annual budget covering games, equipment, travel, & coaches pay.
- Budgeted and built itinerary for multiple interstate trips for 30+ people, booking flights, hotels, and managing car rentals.

Waiter

May 2025 - Present

Takumi Sushi & Sake Bar - Hillsboro, OR

- Delivered exceptional customer service in a fast-paced, high volume restaurant.
- Demonstrated excellent attention to detail and professionalism when handling complex orders.