

# PATRICK PUNCH

## SOFTWARE ENGINEER

### SUMMARY

Driven, passionate, and enthusiastic about working together to make the world a better place. Committed to collaboration with others over love of people, the planet, and helping to make the world a welcome place for all.

### CONTACT

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### EDUCATION

Oregon State University - Cascades ·  
Jan. 2022 to Current  
B.S. Computer Science 2026

### SKILLS

**LANGUAGES:** Python, Java, HTML, CSS, JavaScript, SQL, C, C++  
**TEAMWORK:** Communication, Organization, Collaboration, Commitment, Leadership

### PROJECTS

**Bayes Network**  
Created a Naive Bayesian Network using Neopolitan's Probability Propagation Algorithm

**AI Agent for Othello**  
Created an Agent that uses the Minimax algorithm to play the optimal strategy in Othello

**Shortest Path with A\***  
Built a network of nodes, and implemented various search algorithms, to include A\*, to find the shortest path between nodes.

### AWARDS

Oregon Army National Guard ·  
NATO Overseas Service Ribbon  
July 2023  
For meritorious service in support of the North Atlantic Treaty Organization's allied forces.

### ACTIVITIES

**CS Tutor for OSU-Cascades**  
Sept. 2024 to Current  
Working as a tutor to help my peers with foundational computer science concepts in various programming languages.

### EMPLOYMENT

**Oregon Army National Guard**  
Portland, Oregon  
**Healthcare Sergeant** · Oct. 2016 to Current  
• Led and mentored a team of 5 soldiers as a small group leader during deployment to Eastern Europe; developed their skills and coordinated clinical rotations, ensuring the training and development of 24 soldiers.  
• Developed lower enlisted soldiers, guiding their execution of mission-critical tasks, as well as soldier development and leadership skills in the Army.

**Starbucks**  
Bend, Oregon  
**Shift Supervisor** · Nov. 2022 to Current  
• Revamped Barista deployment strategies, optimizing tasks and workflows, and ensuring adherence to money exchange protocols, food safety practices, and conflict resolution. Implemented store-wide workflow optimizations that led to a 10% revenue increase by improving drive-thru times.  
• Orchestrated the deployment of Baristas to diverse roles, streamlined workflows, and ensured adherence to protocols for money exchange, food safety practices, and conflict resolution among coworkers. Optimized store workflow, resulting in a 10% increase in revenue through faster drive-thru times.

**St. Charles Health System**  
Bend, Oregon  
**Emergency Technician** · Oct. 2018 to Aug. 2021  
• Provided basic life support care for over 1000 patients, and saved over 20 lives due to CPR training.  
• Reorganized stocked ambulatory items, and maintained sanitary standards that surpassed requirements.  
• Managed patient overflow sections, requiring on-the-spot decisions to triage patients and provide immediate care where necessary.

### VOLUNTEERING

**Hacker Refactor Club** · Treasurer  
June 2024 to Current  
Involved with the event planning and money management for the Computer Science Club at OSU-Cascades