

## EDUCATION

### M.S. in Artificial Intelligence

University of Texas at Austin  
December 2025 (expected)

### B.S in Computer Science

Oregon State University  
Cum Laude  
Graduated June 2024

## SKILLS

- Python
- JavaScript
- Web development
  - React.js
  - Node.js / Express
  - MongoDB
- Machine Learning
  - PyTorch
  - Computer Vision
  - Path Planning
- Tableau
- Git
- Agile / Scrum

## PROJECTS

### RealOffer

AI Powered Real Estate Platform

- Developing a platform to streamline the home buying and selling process.
- Utilizing machine learning for automated home pricing suggestions.
- Implementing the MERN stack: MongoDB, Express, React.js, Node.js

## PROFILE

Software engineer with a diverse background in intelligent systems and full-stack web development. Experienced in autonomous agent planning, robotics path planning and computer vision, user interface design, and developing full-stack applications. Passionate about leveraging automation to solve complex problems.

## EXPERIENCE

### Undergraduate Researcher

Intelligent and Reliable Autonomous Systems Group - Corvallis, OR  
September 2023 - December 2023

- Developed a Python-based reinforcement learning algorithm to train an agent to play an Atari game like a human.

### Software Engineering Intern

Charm Industrial - San Francisco, CA  
June 2022 - September 2022

- Revamped a Python user interface, improving efficiency and safety for an industrial control system.
- Performed comprehensive unit testing to ensure code quality.

### Robotics Software Engineering Intern

Canvas - San Francisco, CA  
June 2021 - September 2021

- Engineered a motion planning algorithm in Python, boosting robot operational efficiency by 22%.
- Prototyped a computer vision system using OpenCV to identify robot-induced errors during construction tasks.

### Software Engineering Intern

Uplift - Menlo Park, CA  
June 2019 - August 2019

- Developed a full-stack web application, enabling customers to seamlessly integrate Uplift's payments API into their own websites.
- Utilized React.js, Node.js to create a robust onboarding platform, improving API integration process and enhancing user experience.

### Software Engineering Intern

NASA Ames Research Center - Mountain View, CA  
June 2017 - August 2017

- Upgraded the Java-based user interface for the ISS's robotic assistant, Astrobe, improving user interaction and control functionalities