

Adam Abdulhamid

adam.m.abdulhamid@gmail.com - (818) 585-2914 - adamabdulhamid.com

Professional Experience

Wayve

Machine Learning Engineer

April '24-Present

- Joined Wayve to continue working on an E2E pixels-to-trajectory approach to self-driving cars.
- Currently leading a team of ~5 MLEs to improve conditioning mechanisms for the driving model.

Cruise Automation, Trajectory Planning Team

Staff Machine Learning Engineer

February '23-April '24

- Promoted after 1 year and transitioned to working on the ML Planning domain.
- Worked on the following ML Planning domains leveraging common IL and RL learning paradigms: plan generation, scoring, and offboard planning.
- My responsibilities include: setting technical direction, execution, high level project priorities, resource management, and negotiation with partner teams.
- Included in a group of about ~6 out of 75 engineers who regularly lead our largest model releases requiring large team coordination and coordination across the company.

Cruise Automation, Prediction Team

Sr. Machine Learning Engineer II

November '21-February '23

- Promoted after 6 months for demonstrating great execution, technical rigor, and ownership
- Shifted towards larger scope projects, including ML research impacting several prediction models
- Shipped improvement akin to SOTA research papers published in trajectory prediction literature
- Collaborated directly with Principal/Distinguished engineers on broad projects and roadmaps

Sr. Machine Learning Engineer I

June '21-November '21

- Responsibilities included ownership of all things related to prediction of bikes, including building our roadmap and execution of model shipments.
- Navigated requirements across partner teams including upstream signals (Perception), downstream consumption (Planning & Controls), product teams, and engineering leadership

Machine Learning Engineer

September '19-June '21

- Joined Cruise's Prediction team, helped ship several improvements across the Prediction system.

LinkedIn

Sr. Software Engineer - AI Computing Foundations Team

December '18-September '19

Software Engineer - Machine Learning Algorithms Team

August '17-December '18

- Developed infrastructure and tools to support easy, fast, and scalable ML model iteration

Teaching Experience

Stanford University

- Course Assistant - CS221 (Introduction to Artificial Intelligence) Fall '16
- Teaching Assistant - CS106A (Introduction to Programming Methodology) Fall '14

Education

Stanford University

- Computer Science BS - *Artificial Intelligence concentration* (3.7 GPA) June '16
- Computer Science MS - *Artificial Intelligence concentration* (3.851 GPA) June '17

Relevant Coursework:

| | | |
|-------------------------|-----------------------------------|--------------------------------|
| Artificial Intelligence | Deep Learning for Computer Vision | Probabilistic Graphical Models |
| Deep Learning for NLP | Social Network Analysis | Principles of Computer Systems |
| Machine Learning | Robotics and Mechatronics | Algorithms Analysis |

Athletics and Awards

Stanford University Varsity Water Polo - NCAA Division 1

Fall '12,'13,'14,'15 Seasons

- Balance 20+ hours of practice/competition per week on top of rigorous academics
- Demonstrate ability to work well in a team system to achieve team goals
- NCAA Academic All American

Technical Skills

- Python, C++, PyTorch