

Sina Mohammadi

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EDUCATION

Stanford University - GPA: 4.0

Expected Graduation: **December 2024**

- **M.S. – Computer Science** - Expected December 2024
- **B.S. – Mathematical and Computational Science** - Completed June 2024
- Relevant Coursework: Probability, Public Speaking, Algorithms, Artificial Intelligence, Statistical Inference, Stochastic Modeling, Data Structures, Optimization, Computer Ethics, Natural Language Processing

EXPERIENCE

CS109 Course Assistant for Chris Piech (Stanford University)

August 2024-Present

- One of 14 Stanford CS students selected out of several hundred applicants
- Assist Chris Piech with teaching probability and machine learning

Software Engineering Intern (Oway)

July 2024-August 2024

- Served as second member of engineering team for Y Combinator-backed startup

Strategy and Business Development Intern (ClearFlame Engine Technologies)

June 2023-August 2023

- Led meetings with both Fortune 500 and Global 500 companies, helping secure 2 major partnerships
- Devised cost and environmental impact calculations for allocation of over \$4 million on international markets

Research and Engineering Intern (United Nations Environment Programme)

January 2023-March 2023

- Co-led project tracing methane emissions of oil and gas sites observed from space to source of origin
- Achieved 88% accuracy on best algorithm, now used by UN to help fight climate change
- Work was later presented at International Conference on Machine Learning and Data Mining 2023

Forward Deployed Engineer (C3 AI)

June 2022-September 2022

- Improved C3 AI Readiness, developed features used by US Air Force to increase mission capability
- Met with members of DoD and internally to align Readiness' product with client expectations
- Conducted extensive front-end development to enhance Readiness platform's UI

Quantum Coalition Liaison (Stanford Quantum Computing Association)

April 2021-September 2022

- Collaborated with 10+ organizations globally to develop initiatives promoting quantum computing
- Led international hackathon with over 2,000 participants from 80 countries

PROJECTS

Google's Open Source Quantum Chess Project

- Improved the efficiency of Google's Quantum Chess game by reducing the amount of quantum board states that need to be kept track of at a given time

Community Building for Persians in VC/Investing

- Collaborate through Stanford Persian Students Association to host events for Persian founders/investors
- Have coordinated with firms such as Pear VC to host hikes, dinners, etc.

Sports Betting Assistant

- Built an LLM-based tool that uses historical data and online discourse to recommend useful sports bets

AWARDS

- United States Chess Federation National Master
- Distinction on United States Chess Federation's Monthly "Top 100 List"
- National Merit Scholar

SKILLS

- **Proficiencies:** Python, C++, Excel, PowerPoint, Agile Scrum, Microsoft Office Suite, SQL
- **Languages:** English, Farsi (Speaking), Latin (Reading and Writing)
- **Clubs:** Stanford Chess Team, Persian Student Association, Stanford Sports Analytics Club
- **Hobbies:** Podcasts, Chess, Cooking, Running