OMID IZADI

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omidlabs.com — Explore my projects (complimentary reviewer access)

EDUCATION

Stanford University | Class of 2029

Pursuing a B.S. in Electrical Engineering and a minor in Iranian Studies.

Interests: robotics infrastructure, general-purpose robotics, human–computer interaction, and brain–computer interfaces for intuitive control of robotic systems.

TECHNICAL PROJECTS

Barnameh | Creator | 2026–present

- Building a private study workspace across Mac, iPad, and the web, bringing course planning, deadlines, Google Calendar sync, PDF materials, and handwritten notes together.
- Integrate visual learning experiments and AI-assisted study tools; guide iterative development and testing of interfaces, device access, note persistence, and cloud synchronization.

Omid Labs | Creator | 2026–present

- Build interactive web tools through AI-assisted development, translating product ideas into requirements, prototypes, test scenarios, and interface improvements.
- Created 26 visual math and physics labs; developed 3D knot exploration with STL, OBJ, and GLB export, and creative tools for painting, simulation, and visual effects.

TreeMate | Creator | 2026–present

- Built a Stanford chess platform with real-time matchmaking, Glicko-2 ratings, profiles, and leaderboards; iterated on authentication, mobile layouts, and fair-play review with AI coding tools.
- Project stack: TypeScript, React, Node.js, Fastify, Socket.IO, PostgreSQL, and Stockfish.

Automatic Chicken Feeder | Independent hardware prototype

- Built a feeder for the family farm; iterated beyond motion sensing by collecting and labeling animal images and experimenting with object detection to distinguish chickens from pests.

LEADERSHIP & COMMUNITY

Stanford Persian Student Association | Communications Lead | 2026–2027

- Developing the Influential Iranian Initiative: a speaker series and community website connecting Iranian students with founders, executives, and investors through conversations and mentorship.
- Engaged Pejman Nozad (Pear VC), Ali Ghodsi (Databricks), Saeed Amidi (Plug and Play), and Touraj Parang (Serve Robotics), who expressed interest in speaking at Stanford; coordinating follow-up and event planning.
- Expanded outreach to leaders including Mohsen Moazami and Arash Tajik (Axomind); maintain a 13-person speaker prospect list and tailored interview questions to support the emerging program.

Iranian Scholarship Foundation (ISF) | Scholarship Recipient & Gala Speaker | 2026

- Received an ISF scholarship and delivered a gala speech on personal purpose, Iranian community, and aspirations to build useful technology.

EXPERIENCE & ART

ScholarGPS | Intern | Jan–Jun 2024

- Worked with Dr. Amir Faghri to compare AI-gathered information with independent research, identify discrepancies, and assess data accuracy.

Omid Izadi Art | Artist & Business Owner | 2021–present

- Create original paintings and commissions; featured artist at Elk Grove Fine Arts Center, September 2026, for A Decade: From Passion to Impact.
- Received the California State Fair 2025 Award of Merit for Sharon The Sheep; created a painted public piano for downtown Lodi (2022).

SKILLS & LANGUAGES

AI-assisted prototyping (Claude, ChatGPT); product requirements, visual design, research verification, testing documentation, and public speaking. Practical farm equipment, pump, and sprinkler repairs. English; Persian (Farsi).