

TAMER ARYAN

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EDUCATION

University of California, San Diego - Bachelor of Science (B.S)

June 2025 – June 2027

Mechanical Engineering

El Camino College - Associate of Science (AS-T)

Aug. 2021 – Dec 2024

Physics, Physical Science, Pre-Engineering, Mathematics

PROJECTS & PROGRAMS

NASA NCAS – Project Manager/Mechanical Engineer

Sep. 2024 – July 2025

- Selected as 1 of 120 from 3,000+ applicants nationwide to complete Mission 3 at NASA's AFRC
 - Designed a noise-dampening urban vertiport using sugarcane waste and an AI-based noise feedback system to manage noise over-stack; presented to NASA engineers
- Led the Mission 2 Mars rover simulation team; filled technical gaps and modeled the rover shell in CAD for final presentation

Islamic Center of Hawthorne STEM Program – Founder

Feb. 2024 – Present

- Launched a weekly STEM program for Muslim youth, teaching interactive projects including water rockets, basic circuits, DIY water filters, and egg-drop competition
- Raised \$5,000+ in community support and grew participation to 30+ students

EXPERIENCE

YMCA – Membership/Front Desk Associate

May 2025 – Present

- Built relationships with members of all ages, calmly resolved issues, and guided conversations toward positive outcomes
- Provided tech support for check-in systems and mobile apps, with a focus on aiding seniors
- Trained staff to manage high traffic and maintain strong customer service under stress

Converter Unlimited - Warehouse Manager

June 2022 – Jan. 2025

- Operated hydraulic presses, welding tools, and power equipment for catalytic converter installations
- Set competitive pricing based on market analysis, managed inventory, and scheduled delivery routes to ensure on-time shipments

SKILLS

- **Technical:** CAD Modeling (SolidWorks & Autodesk Inventor), MATLAB, C++, Python, Circuit Design, Excel, Google Workspace, Soldering, Troubleshooting
- **Soft:** Team Collaboration, Public Speaking, Conflict Resolution, Technical Communication
- **Fluent in Arabic**

ACTIVITIES & AWARDS

Brazilian Jiu-Jitsu (BJJ) Practitioner - Training consistently since Oct. 2022; developed strong discipline and stress management through live sparring.

Math Achievement Award - Honored at El Camino College's 51st Anniversary ceremony as 1 of 26 students to earn straight A's in Calculus I–III, Linear Algebra, and ODE