

MATTHEOS DRIVAS

516-672-1755 | mdrivas@chapman.edu | LinkedIn - MattheosDrivas

EDUCATION

CHAPMAN UNIVERSITY

Master of Science in Electrical Engineering and Computer Science

Orange, CA

May 2026 (Expected)

CHAPMAN UNIVERSITY

Bachelor of Science in Computer Science, Minor in Spanish

Orange, CA

May 2025

- Advanced Coursework: Advanced Artificial Intelligence, Data Science, Statistical Machine Learning
- Awards: Dean's Academic Merit Scholarship, School of Engineering Peer Advisor, National Hellenic Student Association Vice President, National Hispanic Honor Society

DON QUIJOTE SCHOOL OF LANGUAGE

Madrid, ES

August 2023

- Madrid Campus, B2 Level Certification

EXPERIENCE

COMMURE + ATHELAS

Software Engineer Intern

San Francisco, CA

June 2024 – Present

- Validated and tested an FDA-approved blood-monitoring device, ensuring ISO 13485 compliance and patient safety.
- Independently integrated the Stripe payment system for Athelas Home, enhancing transaction efficiency.
- Automated processes in a Remote Patient Monitoring onboarding system for Golden Gate Pharmacy.

SPEAKEASY

Full Stack Web Development (Personal Project)

Orange, CA

June 2024 – Present

- Built a full stack language learning app using React, Flask, Firebase, and WebRTC for real-time communication.
- Integrated Firebase Authentication and RESTful APIs for secure, scalable user management.
- Designed responsive UI/UX with React hooks, improving state management and engagement.

CHAPMAN UNIVERSITY

Etezad Electrical Engineering Lab – Research Assistant

Orange, CA

October 2023 – June 2024

- Collaborated with team of 8 on a cost-effective Braille display to enhance STEM education for the visually impaired.
- Developed a Google Chrome extension that converts images to an 8x8 binary form for use on the Braille device.
- Implemented image processing techniques for accurate shape representation on the tactile display.

CHAPMAN UNIVERSITY

Grand Challenges Initiative – Fabricating Custom Ankle Braces

Orange CA

August 2021 – May 2023

- Led a team of 4 in prototyping and designing a customizable multi-material 3D-printed ankle brace.
- Presented the project as an invited speaker for Science on Tap, a public engagement event, to an audience of 40.
- Conducted material strength testing on 3D-printed composite materials using Instron Machine.

VOLUNTEER EXPERIENCE

MEDICAL PROTECTIVE EQUIPMENT DESIGN AND DISTRIBUTION

Los Angeles, CA

Volunteer

Mar 2020 – Sep 2020

- Designed, manufactured, and distributed 900+ units of medical PPE including face shields, intubation boxes, and face mask clips to frontline healthcare workers in California, New York, and Washington State.
- Raised \$3,000 on GoFundMe to support production and distribution costs.

DISTINCTIONS

Skills: Python, Flask, Docker, Kubernetes, GCP, HTML, PostgreSQL, SQLAlchemy, Git, React, Retool
Design: Photoshop, Premiere Pro
Hardware: Prototyping, Arduino, 3D Printing
Languages: English, Greek, Spanish, Cantonese, Portuguese, Mandarin (A2)