

# Mattheos Drivas

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## SUMMARY

Software engineer and current M.S. in Computer Science student building scalable systems across healthcare, AI, and consumer applications. Experience developing software for **FDA-cleared** patient monitoring tools at Commure. Founded Speakeasy, scaling to **10,000+ users** in **4 months** with **3-figure MRR** by building full-stack infrastructure, real-time analytics, and a browser extension with AI-powered voice practice. Combines technical depth in Python, TypeScript, SQL, and data pipelines with proven ability to ship fast, iterate on user feedback, and operate autonomously. Speaks **six languages** and brings a global perspective shaped by living abroad to building products that solve real problems.

## TECHNICAL SKILLS

**Skills & Frameworks:** Python, Next.js, TypeScript, JavaScript, Flask, React, SQL

**Software & Infra:** REST APIs, GCP, CI/CD, Kubernetes, Postgres, Git/GitHub, Docker, HIPAA compliance

**Hardware:** Prototyping, Arduino, 3D Printing

**Languages:** English, Greek, Spanish, Cantonese, Portuguese, Mandarin

## WORK EXPERIENCE

### Software Engineer Intern – FDA-Approved Medical Device

May 2024 – Dec 2025

*Commure (Series F, backed by General Catalyst)*

#### Full Stack & Infrastructure Engineering

- Led full-stack **Stripe integration** with third-party APIs processing **5-figure monthly orders**, ensuring accurate payments and automated order processing.
- Developed **HIPAA-compliant** backend services that streamline delivery of lab results and clinical data to providers at over **40 clinical sites**, leveraging APIs and custom-built tools for efficiency.
- Restored **CircleCI** pipeline functionality for a key repo and configured **Kubernetes** secrets, Docker builds, and **GCP Cloud Run** deployments to support reliable releases.
- Initiated a backend requirements tracking system to improve engineering transparency with product stakeholders.

#### Platform Development & Device Engineering

- Validated and tested an FDA-approved blood-monitoring device, supporting **ISO 13485** compliance and ensuring safe deployment to **3,000+ patients**.
- Created secure, tokenized onboarding flows bridging Flask APIs with React-based UIs, improving **Remote Therapy Monitoring (RTM)** sign-up completion rates.
- Contributed across full-stack microservices in a healthcare platform, implementing robust API integrations and maintaining data pipelines.

## ENTREPRENEURIAL & TECHNICAL LEADERSHIP

### Founder & Technical Lead

June 2025 – Present

*Speakeasy*

- Scaled novel language learning platform to **10,000+ users** in **4 months** and **3-figure MRR** by building full-stack infrastructure with Next.js, PostgreSQL, and CI/CD pipelines on Vercel
- Managed full product lifecycle from content-driven acquisition to Pro subscriptions, using analytics to drive **30%+ retention improvements**
- Architected **Chrome extension** enabling real-time subtitle translation on **YouTube/Netflix**, handling cross-origin auth, streaming APIs, and client-side caption processing

### Technical Lead

February 2025 – Present

*The Provider's Coach Project (Healthcare Nonprofit)*

- Contracted to develop **HIPAA-compliant** and no-cost physician coaching platform for over **20 healthcare providers**.
- Implemented Calendly integration for seamless appointment scheduling, responsive design, and SEO optimization.
- Led platform deployment and CI/CD pipeline setup, collaborating with clinical and board stakeholders to support fundraising goals.

## VOLUNTEER EXPERIENCE

### Medical Protective Equipment Design and Distribution

March 2020 – September 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.

## EDUCATION

Chapman University | May 2026

*M.S. in Electrical Engineering*

*& Computer Science*

Chapman University | May 2025

*B.S. in Computer Science*

Don Quijote | June 2023

*Madrid Campus, B2 Certification*