

GABRIEL DABBAH

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EDUCATION

University of Maryland, College Park, MD Graduated May 2026
B.S. in Computer Science - Minor in Technological Entrepreneurship and Company Innovation

SOFTWARE ENGINEERING AND DEVELOPMENT EXPERIENCE

Caellum LLC, Beltsville, MD Dec 2025 - Present
Full-Stack Engineer

- Engineered Movietq.com, a real-time multiplayer web game with authentication, schema, deployment, Stripe integration, REST APIs, and scalable backend systems.

Onyx Technology LLC, Windsor Mill, MD Oct 2022 - July 2023
Software Engineering Intern & Business Analyst

- Performed data scraping and executed strategies to generate targeted leads.
- Collaborated with leadership in daily standups to align technical, strategic, and business goals.
- Developed and audited data ingestion pipelines containing medical records of tens of millions of Americans using Azure Data Factory, Databricks, and PyTorch, ensuring compliance with FHIR.

Howard Community College, Columbia, MD Oct 2021 - Oct 2022
Java & Python Tutor

- Completed 500 hours of tutoring Python and Java, adapting to individual student needs.

SKILLS

- **Programming:** Python, Java, C, C++, JavaScript, TypeScript, C#, SQL, Haskell, Dafny, OCaml, MATLAB
- **Frameworks / Web:** React, Node.js, REST APIs, WebSockets, HTML/CSS.
- **Cloud / Data / Tools:** Azure, Databricks, Git, Postman, Linux, Docker, Tailscale.
- **Concepts & Practices:** Data Structures, Algorithms, OOP, Multithreading, Computer Architecture, Networking, Databases, Authentication, Deployment, API integration, Version Control, Containerization / Virtualization.
- **Languages:** English (Fluent), Portuguese (Fluent), Spanish (Proficient).

PERSONAL PROJECTS

- **Home Server** – Configured a multi-service home server with virtualization, local LLM hosting, secure remote access, and media/NAS integration.
- **Local Containerized AI agent** – Created an Openclaw configuration with ollama (Qwen 3.6) running inside a sandbox (Docker) connected via a personal VPN tunnel (Tailscale).
- **MyTeaReviews.com** – Deployed a personal review website with custom frontend development, three.js animations, and structured content management.
- **Portfolio Website** – Programmed a website showcasing my articles and projects.
- **Writings** – I enjoy reading and writing (philosophy, myth, tech, CS theory, and fictional stories).