

# GABRIEL DABBAH

Maryland • U.S. Citizen

## EDUCATION

---

**University of Maryland**, College Park, MD Expected 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  
Founder & Software Engineer

- Engineered Movietq.com, a real-time multiplayer web game with synchronized gameplay, production infrastructure (authentication, schema, deployment), REST APIs, and scalable backend systems.
- Implemented Stripe payment integration for digital purchases, subscriptions, and platform monetization.

**Onyx Technology LLC**, Windsor Mill, MD Oct 2022 - July 2023  
Business Analyst

- Engineered data scraping tools utilizing BeautifulSoup and executed strategies to generate targeted leads.
- Collaborated with leadership in daily standups to align technical, strategic, and business goals.

Software Engineering Intern

- Developed, improved, 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 standards.
- Authored pull requests, resolved software bugs, and managed automated deployments.

**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.
- Mentored new tutors and developed training resources to improve program quality.

## 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.
- **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.