

# Mohamed Abdelmaksoud

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Tampa, FL

## EDUCATION

University of South Florida

Tampa, FL

Bachelor of Science in **Computer Engineering**; GPA: **3.8/4.00**

Graduation: **December 2027**

- **Honors:** USF Judy Genshaft Honors College, USF Green & Gold Presidential Award

## TECHNICAL SKILLS

**Coding Languages:** Python, C/C++, HTML/CSS, JavaScript, TypeScript, SQL, Java, C#, NoSQL

**Technologies:** React.js, Next.js, Flask, Node.js, Tailwind CSS, Firebase, MongoDB, PostgreSQL, Stripe (Payments), REST APIs, Git/GitHub, Postman, Vercel, Linux/Unix, Jira, Twilio API, SendGrid, LLM APIs (Gemini/OpenAI)

## PROJECTS

**All-Verse GPT - Generative AI Marketplace** | Full-Stack Application

**July 2025 – Present**

- **Led development** of a full-stack AI marketplace with **Next.js**, **Firebase**, and **Stripe**, delivering secure payments, scalable architecture, and real-time buyer-seller chat for **200+ signed-up users**.
- Integrated **Gemini AI** for smart product search, price suggestions, and conversational shopping, improving **user engagement and pricing accuracy**.
- **Managed projects in Jira**, organizing sprints by issuing **10+ tickets per week** for different team members all while building a **mobile-first UI with Tailwind**, **voice/photo input**, and **location-based search**.

**Zeno** | Website

**August 2025 – Present**

- Engineered a full-stack credit card recommendation app (React with Vue integration, REST API, Firebase, Vercel) that delivers **ranked card suggestions in 200 ms**, boosting decision accuracy by **95%+ compared to manual selection**.
- **Designed and deployed a personalized wallet system** enabling users to maintain multiple cards and receive tailored reward insights, leading to **30%+ higher cashback/reward utilization** across test users.

## EXPERIENCE

**Resident Assistant**

**August 2024 – Present**

*USF Housing & Residential Education*

*Tampa, FL*

- Conducted **1-on-1 conflict mediations** with a **90% resolution rate**, strengthening community cohesion.
- Organized **15+ cultural and academic events**, increasing resident participation by **25%** year-over-year and supporting a community of **700+ residents**.

**Software Developer, Intern**

**June 2024 – July 2024**

*International Development Cooperation Agency (GIZ)*

*Cairo, Egypt*

- Developed responsive web platforms and real-time dashboards using **React.js**, **HTML**, **CSS**, and **JavaScript**, reducing project **reporting time by 35%**.
- Designed an **AI-powered assistant** with a friendly, accessible interface and robust **Arabic language support**, ensuring usability for non-technical users and accurate handling of broken or misspelled inputs to expand accessibility across diverse communities.

## LEADERSHIP

**USF CHIP (Founder & Vice President)**

**May 2025 – Present**

- Founded the **Computer Hardware & Integrated Processors (CHIP) Club**, the first student organization at USF dedicated to **hands-on hardware projects** for Computer Engineering and Electrical Engineering students.

**USF Google Developer Group (Tech Lead)**

**December 2024 – Present**

- Hosted technical workshops on **GitHub Pages**, **AI chatbots (OpenAI API)**, and **SQL databases**, successfully training **100+ students** through **hands-on coding sessions** and fostering campus innovation through project-based learning.

## USF SHPE (Tech Director)

July 2025 – Present

- Built hackathon tracks for **HackJam** to engage and onboard first-time hackers; spearheading development of the **Hackabull 2025** website for registration, scheduling, and real-time updates, collaborating with student leaders and alumni to reach **600+** registrations