Mohamed Abdelmaksoud

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EDUCATION

University of South Florida Tampa, FL
*Bachelor of Science in **Computer Engineering**; GPA: **3.8/4.0*** *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,
Technologies: React.js, Next.js, Flask, Node.js, Tailwind CSS, Firebase, MongoDB, PostgreSQL, REST APIs,
Git/GitHub, Vercel, 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 | Full-Stack Application **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

Software Developer, Intern **May 2024 – August 2024**
International Development Cooperation Agency (GIZ) *Cairo, Egypt*
- Collaborated on developing a full-stack web platform using **React.js, Flask, and PostgreSQL** to streamline reporting for **15+ international agricultural projects**, cutting manual reporting time by **35%**.
- Contributed to building an **Arabic-language AI assistant** (powered by **AraBERT**) that helps low-literacy Egyptian farmers access insights on weather, planting, and crop optimization through natural conversation.
- Assisted in implementing fuzzy-matching and error-handling algorithms to improve accuracy and accessibility, achieving a **92% query resolution rate** and **ensuring 99.9999% uptime during deployment.**

Resident Assistant **August 2024 – Present**
USF Housing & Residential Education *Tampa, FL*
- Led **30+** one-on-one mediations with a **90% resolution rate**, demonstrating **strong communication, emotional intelligence**, and **conflict-management** skills to maintain a positive residential environment.
- **Planned, promoted,** and **presented 15+ cultural** and academic events, applying leadership, public speaking, and cross-team collaboration to **increase resident participation by 25%** and engage a community of **700+ students.**

LEADERSHIP

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**