

Mostafa Ibrahim

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Professional Experience

Analyst (Jan 2026 - Present) — Junior Software Engineer

Jan 2024 – Present

Keheilan Asset Management

- Spearheaded corporate intrapreneurship by engineering AI agents to automate complex financial workflows, reducing analytical task completion time from weeks to minutes.
- Developed custom internal software tools to streamline management processes, optimizing operational efficiency and digital representation.
- Secured firm sponsorship to direct the Cairo-wide AI Sprint hackathon featuring a fractional agricultural investment theme, empowering 200 students from 25 universities via AI workshops and strategic evaluation.

Section Leader (Teaching Assistant)

Apr 2025 – Jun 2025

Stanford University – Code in Place Program

- Mentored 15+ international students in Python algorithms (CS106A), utilizing Socratic questioning to build problem-solving skills in non-traditional learners.

Leadership & Community Impact

Youth Envoy

Aug 2026 – Present

UN-ITU Generation Connect

- Advocate for youth-centric digital transformation policies, collaborating with global stakeholders to empower young leaders to execute technology initiatives.

Founder & President

Feb 2026 – Present

SolveX

- Founded a research-to-innovation platform encouraging students and researchers to conduct market-applicable research, cultivating an active community of 70+ young innovators.
- Independently raised EGP 500,000 to fund high-potential ideas, providing the necessary capital and mentorship to develop early-stage academic research into viable future ventures.

Founder & Strategic Advisor

Mar 2025 – Present

Egyptian Olympiad in Computational Science (EOCS)

- Scaled a nationwide computational science competition to 2,000+ participants by bridging student leadership with academic networks (EUI, IEEE, and STEM October).

Executive Director & President

Oct 2022 – Aug 2024

STEM Computer Science Club

- Revitalized the club post-COVID and secured Hack Club and USACO Guide partnerships; mentored three successive generations of student leaders who collectively introduced 500+ students to technology and achieved a 2,800+ cumulative outreach.

Education

Egypt University of Informatics | *Bachelor of Engineering in Computer Engineering*

Sep 2024 – Jul 2029

STEM High School for Boys 6th of October | *High School Diploma*

Sep 2021 – Jul 2024

Honors & Awards

- **First Place, IEEE YESIST12 Egypt:** Qualified to represent Egypt at the Global Finals in Malaysia and advocated for accessible health tech by presenting an integrated medical solution directly to national Ministers.
- **Bronze Medalist, Climate Science Olympiad (2023):** Ranked in the top tier of 50,000+ global participants for demonstrating advanced understanding of climate science.
- **First Place Nationally, Scientific Writing Competition:** Recognized for exceptional research communication and scientific advocacy among elite STEM students.
- **Top 10 Winner, First Lego League (FLL) Egypt:** Recognized nationally for demonstrated robotics innovation and collaborative problem-solving.

Skills

- **Engineering:** Python (Pandas, NumPy), Hybrid RAG Systems, GenAI (LLMs, Prompt Engineering), Web Dev (React, JS), C/C++, Flutter, Computer Vision (YOLO, TF Lite), Git.
- **Leadership:** Project Management, Team Leadership, Event Organization, Fundraising, Strategic Partnerships, Mentorship, Public Speaking.