Amr Khaled Elhamady

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Education

Red Sea STEM school   Hurghada, RedSea
Degree, High School Diploma, Concentration: STEM   29th
July 2025
Relevant Coursework: Advanced Mathematics, Physics, Chemistry, Computer Science

Experience

Headstarter AI   Online
Software Engineering Fellow   July 2024 – August 2024
- Developed a personal website as part of a project assignment.
- Participated in networking activities, including reaching out to engineers and posting on LinkedIn.
- Engaged in in-person events like team meetups and meetups with fellows.
- Conducted a mock interview focusing on arrays and hashing.
- Attended online events such as the Pathways to Tech event.
- Provided project feedback to peers, enhancing collaborative learning.
- Competed in a hackathon, developing innovative solutions in a short timeframe.

Code In place   Stanford, California
Participant   April 2024 – June 2024
- Completed intensive coursework in Python programming and computer science principles.
- Created multiple projects including a data analysis tool and a web scraper.
- Participated in peer coding sessions, enhancing collaboration and coding skills.

Apex Education   El-gouna, Egypt
Participant   July 2024 – August 2023
- Engaged in a summer program focused on entrepreneurship and technology.
- Developed a business plan for a tech startup, presenting to a panel of judges.
- Collaborated with international peers on various tech projects, enhancing cross-cultural communication.

Leadership and Activities

Math Club   Hurghada, Red Sea
Role   September 2023– May 2024

- Participated in weekly meetings, solving advanced math problems and preparing for competitions.
- Organized math tutoring sessions for younger students, improving their understanding and performance.

Skills & Interests

Technical: Python, Java, HTML/CSS, Python, SQL, Microsoft Office Suite
Language: Fluent in Arabic and English and intermediate in German
Laboratory: Proficient in basic lab techniques, data analysis, and report writing
Interests: Neuroscience, ML, LLM, exploring new technologies, volunteering, Artificial Intelligence, and environmental conservation.