

ZIAD MOHAMED SHEASHAA

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Passionate and detail-oriented Computer Engineering student with hands-on experience in AI, machine learning, and data analysis. Skilled in C++, data structures, algorithms, and OOP, with strong debugging and problem-solving abilities. Eager to contribute to innovative projects and expand expertise in multimedia protocols and GUI toolkits as part of Siemens HAV Multimedia Solutions Team.

EDUCATION

Bachelor of Engineering in Computer | Suez Canal University

June 2026

- Relevant coursework: C++, Python, Electric Circuits, Logic Circuits
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COURSES

Software Engineering | Robotics Corner

Aug 2024 – Dec 2024 | 3 Month

- Linux
 - C++ (Data structures, OOP)
 - SOLID
 - Design Patterns
 - Problem solving
 - Git & Github
 - Makefile & CMake
 - **Graduation Project:** Cascade Classifier using C++ and Qt.
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EXPERIENCE

AI Technical Member | SCU IEEE

Oct 2023 – Present

- Contributed to various technical projects and workshops focused on computer engineering, software development and Machine Learning.
- Collaborated with a team to design a Recommendation System using python, vanilla (html, CSS, java script), MongoDB, and unsupervised machine learning algorithm. (Prototype)
- Mentoring and instructing new members in AI algorithms and data analysis methodologies to enhance their technical expertise and problem-solving skills.

Autonomous Driving Member | SCURT

Team Member

March 2024 – Oct 2024

- participated in the EVER Gen 5th competition for electric cars, contributing to the autonomous driving team.

Team Leader

Oct 2024 – Present

- Developing and leading a comprehensive training program to prepare new members for participation in the upcoming EVER competition.

CERTIFICATIONS

- Machine Learning Certificate | Engineering Camp (Mar 2024)
- Career Essentials in Generative AI | Microsoft and LinkedIn (Nov 2023)
- AI International Certificate | Zewail City of Science and Technology (Nov 2023)
- HCIA-AI | Huawei (Jan 2023)
- ITI | Machine Learning, Deep Learning, Computer Networks, Natural Language Processing, and Data Analysis (July 2024)
- Embedded Systems AVR-Based Bootcamp | IEEE (Apr 2023)
- Clean Code Workshop | Creativa Innovation Hub – Ismailia
- ECPC 2023 | ICPC - International Collegiate Programming Contest

SKILLS

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|-----------------------------------|--|
| • Python (Expert) | • CPP (Advanced) |
| • Microsoft Office (Intermediate) | • Data Analysis and Visualization (Intermediate) |
| • Problem Solving (Intermediate) | • ROS (Intermediate) |
| • Linux (Ubuntu, Kali) | |

LANGUAGE

- Arabic (Native)
- English (Intermediate)