

EVA GHADBAN

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Objective

I am a Computer Engineering student seeking a Quality Assurance Internship at Coderaas through the TAKADDOM Internship Program. Eager to apply my programming background, problem-solving skills, and attention to detail in software testing, bug reporting, and ensuring reliable digital products while gaining practical industry experience.

Education

Lebanese American University Bachelor of Engineering in Computer Engineering CGPA: 3.85	August 2024 – Expected Graduation: 2028 Beirut, Lebanon
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Shouf National College French Baccalaureate Specialization: Mathematics, Physics, and Life Sciences Grade: 18.2/20	June 2024 Shouf, Lebanon
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Experience

Private Tutor Beirut, Lebanon	August 2024 – Present
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- Tutored high school and university students in programming, mainly C++ and Java, to strengthen their understanding of fundamental coding concepts.
- Supported high school and first-year university students in Mathematics and Physics by explaining concepts and guiding them through problem-solving exercises.

Projects

Heart Rate Detection and Alert System Beirut, Lebanon	Spring 2026
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- Designed and built an electronic circuit to detect heartbeat rate, display the measured value, and activate a buzzer when the reading exceeded a predefined threshold.

Smart Classroom Attendance and Capacity Monitoring System Beirut, Lebanon	Spring 2026
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- Developed a sensor-based counting system to monitor classroom entry and exit, test occupancy conditions, and indicate full or empty classroom status.

IoT Sensor-Based Monitoring System Beirut, Lebanon	Fall 2025
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- Implemented a basic IoT monitoring system involving sensor data collection, processing logic, and system architecture presentation.

Achievements

Competitive Programming	August 2024 – Present
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- Solved 100+ programming problems on Codeforces and LeetCode.
- Developed and debugged Java and C++ applications using file handling, data structures, and algorithmic problem-solving techniques to improve code correctness and efficiency.

Technical Skills

Programming Languages: Java, C++, Assembly Language

Hardware and Electronics: Circuit design and fundamentals, hardware interfacing, microprocessor programming

Engineering and Programming Tools: LTspice, Quartus, Easy68K, Microsoft Office

Key Skills

- Strong communication and teamwork skills
- Time management and organization skills
- Critical and analytical thinking
- Adaptability, responsibility, and dedication
- Tutoring and academic mentoring skills
- Native Arabic speaker with fluency in English and French