




# Eddy Khoury

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 <https://github.com/EddyKhoury?tab=repositories>

## EDUCATION

**University of Balamand | B.S in Computer Engineering**  
**Dean's Honors List (F22, F23, S24)**

*Exp. July 2025*  
**GPA: 3.47/4.0**

## EXPERIENCE

**Computer Lab Assistant**  
*University of Balamand*

**Balamand, Lebanon**  
*Sept 2024 - Present*

- Troubleshoot and resolve technical issues to maintain smooth lab operations
- Provide hands-on support to students during lab sessions to enhance learning
- Ensure all equipment and software were set up and functioning properly before sessions
- Contribute to a positive and interactive learning atmosphere

**Academic Peer Tutor**  
*University of Balamand*

**Balamand, Lebanon**  
*Sept 2023 - May 2024*

- Provided peers with individualized course-specific academic support for CPEN212, CSIS285, MATH246, CPEN202, CPEN313
- Offered support to peers and demonstrate skills such as listening, critical thinking and knowledge assessment

## PROJECTS

**Chebyshev Approximation**

***\*\*Achieved the fastest and best design in the embedded systems course\*\****

- Implemented a design in hardware to be able to approximate any or most complex formulas by using polynomial chebychev approximation
- Increased the number of pipeline stages to get the fastest possible clock.

**Treac Mockup Website**

- Developed a responsive, user-friendly website with smooth interactive elements and optimized performance.
- Integrated dynamic content display using flexible layouts and CSS grid/flexbox for a seamless user experience across devices.
- Implemented a clean, modern design with attention to detail, ensuring a visually appealing interface for improved user engagement
- Wrote custom JavaScript to enhance website interactivity, including a menu toggle feature for a smooth navigation experience.

## SKILLS

**Programming Languages:** Java • C++ • C • JavaScript • HTML/CSS • RISC-V Assembly • System Verilog

**Spoken Languages:** Arabic (mother tongue) • English (Fluent)

## MEMBERSHIP

- Active IEEE Student Branch Board Member *Sept 2024 - Present*
- Active IEEE Student Branch Computer Society Treasurer *Sept 2024 - Present*
- Active IEEE Student Branch Event Organizing Team *Sept 2024 - Present*
- Active Gym Member *Sept 2022 - Present*