

Muhammad EL WAZIR

+96170421701 | Tripoli, Lebanon | muhammad.elwazir@lau.edu | [GitHub](#)

EDUCATION

Lebanese American University, Byblos, Bachelor of Science in Computer Science *Aug 2022 – Present*

- Earned a merit-based entrance scholarship based on academic excellence.
- Active member of the Software Engineering and Bioinformatics Clubs.
- Expected Graduation Date: May 2025.
- Concepts: Software Engineering, Machine Learning, Web Programming, Algorithms and Data Structures, Operating Systems, Database Systems.

PROJECTS

Lebanese American University, Coursework

Optimized CUDA Batch Image Processing *April 2024 – May2024*

- Developed GPU-CUDA image processing tools for batch job processing, utilizing techniques to optimize GPU multicore architecture and minimize memory transfers between the host and the device.
- Collaborated with another student to implement and optimize several image processing algorithms on CUDA GPU, focusing on shared memory per SM (Tiling) and scheduling optimizations to reduce memory management overhead.

Actor Search Web Application *April 2024 – May2024*

- Developed a front-end website using Angular to allow users to search for actors by first or last name and display actor information and their movies.
- Integrated the MoviesDB API to fetch and present detailed actor profiles and filmography dynamically.

Personal Projects

Personal Website *May2024*

- Designed and developed a personal website using HTML, CSS, and Bootstrap to showcase my portfolio and professional details.
- Integrated the MoviesDB API to fetch and present detailed actor profiles and filmography dynamically.
- Implemented animations to enhance user experience, utilizing CSS key frames and transitions for dynamic text and skill tag.

ONLINE COURSES

The Complete 2024 Web Development Bootcamp, Udemy *Jan 2024 – Jun 2024*

- Skills earned: HTML, CSS, React.js, jQuery, Node.js, Express.js, PostgreSQL, DApps, GitHub

Supervised Machine Learning: Regression and Classification, Coursera *Jan 2024 – Feb 2024*

- Skills earned: Regression, Classification, Pandas, NumPy, Matplotlib, SciKit Learn

SKILLS

- **Computer Skills:** Java, Python, PostgreSQL, MySQL, CSS, PHP, Node.js, React.js, Laravel Framework, Angular Framework, Express.js, Bootstrap Framework.
- **Languages:** Arabic (native), English (fluent), French (intermediate).
- **Interests:** Drawing, swimming, reading, computer programming.