

Abdulahman Al-Zaatari

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EDUCATION

Lebanese American University (LAU), Beirut, Lebanon

Bachelor of Science in Computer Science – with a Minor in Data Analytics

Sep 2022 – June 2025

- CGPA: 3.71/4.00, MGPA: 3.77
- Middle East Partnership Initiative (MEPI) Tomorrow's Leaders Undergraduate Fully Funded Scholarship (TLU) student.

James Madison University (JMU), Virginia, United States of America

Bachelor of Science in Computer Science

Study Abroad Experience

Jan 2024 – May 2024

- GPA: 3.925/4.00

Rafic Hariri High school, Sidon, Lebanon

Lebanese Baccalaureate in Life Sciences

Sep 2019 – June 2022

- Overall grade of 96/100 (Ranked 1st in school)

EXPERIENCE

Integrated Digital Systems, Beirut, Lebanon

Full Stack Engineering Intern

December 2024 – February 2025

- Developed a Knowledge Sharing Platform which I named ShareK
- Gained hands-on experience with **PHP, HTML, CSS & Java Script**
- Delved into UI/UX design and brand development
- Engaged in software design sessions, maintaining best practices in software development.

GreaTeck, Bchamoun, Lebanon

Web Developer

July 2024 – September 2024

- Developed and maintained a web project using **React, Next.js**, and **TypeScript**, focusing on creating intuitive and responsive front-end interfaces.
- Gained hands-on experience with **Hive Blockchain technology**.
- Implemented and consumed **RESTful APIs**, collaborating with backend developers to streamline data flow and improve system efficiency.
- Participated in Agile development processes, including sprint planning, enhancing teamwork and project management skills.
- Engaged in code reviews and debugging sessions, improving code quality and maintaining best practices in software development.

Gaming Academy with AUB, Beirut, Lebanon

Team Master

July 2024 – September 2024

- Led a team of 4 in the development of a 2D platformer game called **Jump Quest**, where the main character loses their ability to jump. The game was developed in **gdscript**.
- Taught team members **GitHub** for version control and collaborated on game design using **Godot** engine.
- Acquired skills in **game design** and **game development**, focusing on user experience and creative problem-solving.

Al-Kindi Academy, Mansourieh, Lebanon

Tutor & Career Guidance Counselor

Jan 2023-Present

- Developed customized tutoring plans for 30 students, resulting in an average improvement of 20% in Arabic, English, Math, Chemistry and Biology grades.
- Revamped content and implemented a reward-based system to motivate students and track progress.
- Collaborated with parents to identify individual student needs and provide timely feedback on progress.

Georgetown Qatar, (Remote)

Research Assistant

Feb 2021 – Aug 2022, March 2024 – July 2024

- Collaborated with PhD professor Abdulrahman Mahmoud Chamseddine (GUQ professor) to edit, translate, and write various books and research papers.
- Assisted in managing data for multiple research projects, ensuring accuracy and efficiency in data collection and analysis.
- Contributed to the publication of 3 books by conducting extensive literature reviews, synthesizing information, and drafting chapters under tight deadlines.

Research Science Institute, collaborating with CEE and MIT

Research Student 2021 program

June 2021 – Aug 2021

- Collaborated with a team of researchers to conduct an in-depth analysis on the effects of non-lethal antibiotic concentrations on bacteria physiology, resulting in interesting findings that were published in a leading scientific journal.
- Selected as one of the 82 Research Science Institute (RSI) students out of a highly competitive pool of applicants based on academic excellence and research potential.
- Participated in lectures delivered by Nobel laureates and esteemed professors from top universities such as MIT, Harvard, Princeton, Yale, and Stanford.

PROJECTS (For detailed project descriptions, visit my [GitHub](#))

- Melanoma Detection Deep Learning Model (PyTorch, Resnet18)
- ARZ Pharmacy (HTML, CSS, JAVASCRIPT, PHP)
- The Honest Bank Database System (Database design, SQL and Documentation)
- Bank System, Company of Employees, Vehicles Shop, Word Dictionary (JAVA)
- Proxy Server & Admin App (Socket Programming in Python-Flask)
- Heart Disease Machine Learning Model (Python)
- Business Data Visualization Dashboard (Tableau)
- HiKings & Queens Mobile App (Figma)

EXTRACURRICULAR ACTIVITIES

- **Tomorrow's Leaders Program Mentor**
August 2024 - Present
- **Adaptive Leadership Certificate by Harvard Trainer Dana Karout**
Sep 2024 – April 2024
- **Organizing member of JMU MSA**
January 2024 – May 2024
- **Assistant Director at SAWA Organization, Beirut, Lebanon**
Sep 2022 – January 2024
- **Publisher at Library Antoine, Beirut, Lebanon**
Sep 2023
Published in a book titled لبنان كما نحلم به
- **President of MEPI's Activities and Volunteering Committee, Beirut, Lebanon**
Sep 2023 – Present

Skills

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| <ul style="list-style-type: none"> • Programming Languages: JAVA, Python , C, SQL, Java script, GD script • Frameworks and Technologies:
Frontend: HTML, CSS, React, Next.js
Backend: PHP, Flask, Django
Data Analysis and ML: Pandas, TensorFlow
Tools: Git & AWS certified cloud practitioner | <ul style="list-style-type: none"> • Data Visualization: Tableau, Excel • Design: Adobe Creative Suite, Figma • Soft Skills : Documentation, Editing, Proofreading, Microsoft Office, Creative Writing, Communication, Translation, Leadership |
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