

Eyad Oumar

Computer Science Student

Beirut, Lebanon

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Education

Lebanese American University (LAU), Beirut, Lebanon

Bachelor of Science in Computer Science

Sept 2023 – May 2027

CGPA: 3.74/4.00

- Full MEPI Scholarship

Work Experience

Backend Developer Intern — Presto Eat

Tripoli, Libya

Jun 2024 – Aug 2024

- Developed backend components for partner restaurants' application using clean-code and abstraction practices.
- Built and tested APIs supporting multiple payment methods.
- Worked with SQL-based reporting to support operational and executive decision-making.
- Used Python to generate data insights and assist with internal business analysis.
- Participated in agile development workflows and contributed to improving development processes.

NLP Engineer — Annir

Remote / Libya

Sep 2024 – Nov 2024

- Built automated web scraping pipelines to extract structured fact-checking data.
- Collected and structured 10,000+ fact-checking entries from 6+ Arabic fact-checking platforms.
- Reduced dataset noise by 75% using normalization, text-cleaning heuristics, and de-duplication methods.
- Generated visual analytics including trend curves and frequency plots covering misinformation trends from 2020 to 2024.

Extra-Curriculars & Volunteering

Training & Public Relations — Hult Prize Foundation

Byblos, Lebanon

Oct 2023 – Mar 2024

- Built databases of potential investors and judges for entrepreneurship competitions.
- Conducted training sessions on pitching and research methods.
- Launched outreach campaigns targeting students and sponsors.

Programming Team Lead — Lybotics

Tripoli, Libya

May 2021 – Mar 2023

- Programmed and optimized robots for the FIRST Competition.
- Trained junior members in programming fundamentals and debugging practices.
- Delivered a robotics workshop in Tunisia for 20+ high-school students.
- Achieved 2nd Place regional First Tech Challenge, 2022.

Student Athlete — LAU Muay Thai Varsity Team

Beirut, Lebanon

Apr 2025 – Ongoing

Volunteer — Food Blessed <i>Beirut, Lebanon</i>	Mar 2025 – Ongoing
Volunteer — Offrejoie <i>Beirut, Lebanon</i>	Nov 2025 – Ongoing
Volunteer — Lebanese Social Responsibility <i>Beirut, Lebanon</i>	Sep 2024 – Oct 2024
Volunteer — Makassed Philanthropic Islamic Association of Beirut <i>Beirut, Lebanon</i>	Mar 2024 – Apr 2024

Achievements & Awards

2nd Place — Harvard Health Systems Innovation Lab, AUB Beirut Hub (2026) [view project](#) *CareChain: Follow-Up Care Application*

- Led the team in developing an application to support patients after hospital discharge.
- Designed medication-tracking and doctor-alert workflows to improve follow-up care.
- Worked on features connecting patients, doctors, caregivers, and laboratory staff across the health system.
- Added support for simplifying discharge notes into clearer medication instructions.

2nd Place — Breaking Barriers AUB iPark Hackathon (2025)

CalmPulse: Wearable Support System for Autistic Children

- Co-founded CalmPulse, a wearable app that monitors heart rate and audio signals to infer stress levels.
- Built a data-analysis pipeline enabling real-time emotional monitoring for parents.
- Featured by LAU: [read more](#).

Global Nominee — NASA International Space Apps Challenge (2025)

Team AstroBoys — Hunting Exoplanets using AI

- Developed XGBoost and Random Forest models achieving 91% accuracy on the TESS–Kepler dataset.
- Preprocessed 17,000+ exoplanet observations through cleaning, feature engineering, and SMOTE-based oversampling.
- Assisted in integrating the models into a user-friendly interactive web platform.
- Selected among 5 local nominee teams representing Lebanon: [read more](#).

Skills

Programming: JavaScript, React.js, Node.js, Python

Machine Learning & AI: Deep Learning, Neural Networks, NLP, Ensemble Methods

Web & Backend: REST APIs, SQL, client-server architecture, API testing

Data & Automation: Web scraping, data cleaning, text normalization, data analysis

Tools & Technologies: Git, AWS basics, Jupyter

Soft Skills: Leadership, communication, teamwork, debugging, mentoring

Languages: English, Arabic