Ali Hadi Khaled Dayya

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Computer Engineering Intern

Programming Skills | Hardware Design | Problem-Solving

Computer Engineering student specializing in AI. Experienced in Machine Learning projects, hardware systems, and volunteer leadership. Seeking an internship to apply expertise and drive innovation.

EDUCATION

AI Engineer Program – Lara Wehbe   Jun 2025- Present
- Advanced program covering Python, GitHub, LinkedIn for developers, Machine Learning, Deep Learning, MLOps, Computer Vision, LLMs, and AI for Software Engineering.

Beirut Arab University – Debbieh, Lebanon

Bachelor of Engineering in **Computer Engineering- AI Track**   Sep 2023-Expected 2027
- GPA: 3.5/4.0

New Century School-Lebanese Baccalaureate, **Very Good Distinction**   2023

TECHNICAL PROJECTS

- **Smart Car Parking System**: Built a system with a PIC microcontroller, sensors, gates, and an LCD, automating vehicle detection and access, boosting efficiency.   May 2025

- **Track and Save:** Python GUI expense tracker with authentication and charts, helping students monitor their spending.   Dec 2024

- **Intelligent Traffic Light Control:** Led team of 4; designed VHDL-based traffic system with multiplexers and buffer registers, optimizing traffic flow.   Dec 2024

- **Fuzzy Logic in AI Robotics**: Researched fuzzy logic for autonomous robot navigation and obstacle avoidance, analyzed applications and performance.   Nov 2024

- **Digital Lock System**: Developed a digital lock with logic gates, a 7-segment display, PIN verification, and LEDs, improving access control security.   May 2024

- **Physics in Game Development**: Modeled Ragdoll physics using PD controllers for realistic character motion and collision.   Apr 2024

TECHNICAL & PROFESSIONAL SKILLS

- **Programming**: Python, Java, C, C++, Assembly, MATLAB
- **AI/ML Tools**: Scikit-learn, Pandas, NumPy, Matplotlib, Deep Learning Concepts
- **Hardware**: Circuit Design, VHDL, Embedded Systems, GUI Development
- **Soft skills:** Leadership, Teamwork, Communication, Adaptability, Problem-Solving

- **Languages:** Arabic (Native), English (Fluent)

CERTIFICATIONS (Top Relevant)

- Multi-Modal Rag with Gemini API in Vertex AI – Google Cloud Skills Boost   Jul 2025
- ML for Everyone Using Google Sheets- USJ   Jun 2025
- How AI Models Learn- IEEE   Mar 2025
- Intro to AI – Tech Trendy   Feb 2025
- Mastering Git Version Control for GitHub Copilot- IEEE   Jul 2024

EXPERIENCE

Together For Chehim (in collaboration with ESEO, France) -Remote

AI Internship (Part-time): Handling Missing Data in Machine Learning   March 2025-July 2025

- Developed hybrid KNN+ MICE imputation, outperforming standard methods on datasets with 10-50% missing data.
- Improved prediction accuracy by 18% and data quality by 20% on clinical and synthetic datasets.
- Validated models using cross-validation and AUC metrics.
- Collaborated with French doctors while managing full-time academic commitments.

Accountant and Operations Coordinator - Eagle Delivery, *Lebanon*   June 2021-Dec 2024

- Increased efficiency by 20% by optimizing driver assignments and financial workflows.

- Reduced reporting errors by 15% through accurate voucher verification and reconciliation.

- Enhanced customer satisfaction through improved client-administration communication

VOLUNTEER EXPERIENCE

IEEE Industry Relations- BAU Student Chapter   May 2025- Present

- Coordinated events and workshops; connected students with industry professionals.

Team Lead - Offre Joie, Beirut, Lebanon.   September 2024-Present

- Led 50 volunteers supporting 250+ families; coordinated war reconstruction of 13-24 buildings.

Youth Program Coordinator & Treasury Subcommittee, Lebanese Red Cross - BAU Youth
Sector   Nov 2023- Jun 2024
- Managed budgets and workshops for 100+ students: ensured transparency and efficiency.

Head of Social Committee- New Century School, Lebanon   Sep 2022- Jun 2023
- Led campaigns and events benefiting 500+ students, including Breast Cancer Awareness and Ramadan food drives.

PROFESSIONAL MEMBERSHIPS

- **Student Member-**Project Management, Institute, Lebanon   Nov 2024- Present
- **IEEE- BAU Student Chapter**   Oct 2023-Present