Nour Darwish

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EDUCATION

American University of Beirut | Bachelor's Degree in Computer Science | 2022-2025
- Cumulative GPA: 3.94/4

AWARDS

- 3rd Place Winner- INJAZ Innovation Competition
- University Scholarship Program- USAID
- AWS AI & ML Scholarship- Amazon, Udacity
- Selected to represent Lebanon in El Gouna by Youth Impact Studio, program fostering sustainability leaders across the MENA region
- Achieved placement on the Dean's Honor List for all attended Semesters
- 3rd Place Winner – Lebanon's First Quantum Computing Hackathon (in collaboration with CERN)

VOLUNTEERING EXPERIENCE

- **Mathematics Teacher** | MMKN
- **Event Coordinator** | AUB Career Fair
- **Volunteer in the Pediatrics Unit** | HAVEN
- **Sales Associate** | Next Step Program
- **Tutor** | Social Welfare Institutions (SWI)
- **Volunteer |** Offre Joie NGO
- **Event Organizer |** Youth National Development

SKILLS

- **Programming Languages:** SQL, JavaScript, Python, Java, C++
- **Frontend Development:** HTML, CSS, React, jQuery
- **Backend Frameworks / Libraries:** Node.js, ExpressJS
- **Database Management Systems:** MongoDB, MySQL, DynamoDB, PostgreSQL
- **AI and Machine Learning:** Convolutional Neural Networks, Generative AI Fluency, Prompt Engineering, LLMs, Python libraries (Pandas, Numpy, Matplotlib, PyTorch)
- **Cloud Services:** AWS SageMaker, AWS S3, AWS API Gateway, AWS Lambda
- **Tools:** Version Control (Git/GitHub), Jira, JupyterLab
- **Soft Skills:** Communication, Teamwork, Problem-solving, Leadership

EXPERIENCE

UN Global Compact Network Lebanon
SDG Brain Lab Fellow   January 2025 – Present
Selected for a prestigious sustainability program focused on addressing the UN 2030 Agenda and the 17 Sustainable Development Goals (SDGs).

GOOGLE DEVELOPER GROUP ON CAMPUS(GDG)
Technical Officer   January 2025-Present
- Lead and guide the technical team in implementing efficient technical solutions.
- Provided technical advice, troubleshooted issues, and documented meeting minutes.

OPTIVA
Full Stack Intern   January 2025 – Present
- Collaborating with a dynamic team on a startup project: a software dining app designed to enhance restaurant customer experience.
- Developing features that enable customers to order meals, track orders live, and split bills effortlessly using their smartphones.

PAPER AIRPLANES
Web Development Tutor   January 2025 – Present
Teaching web development fundamentals to women affected by conflict through the Women in Tech (WiT) program, helping them build skills in coding and programming through online classes.

LEBNET
Fellowship Participant   Dec 2024 – Present
Participated in a 5-month fellowship program designed to nurture Lebanese technologists and equip them with the skills and network needed for technology careers post-university.

AMAZON
Software Engineer (Apprenticeship)   May 2024 – Aug 2024
- Mentored by 2 senior Amazon engineers, gaining industry insights to improve project outcomes.
- Developed MealMission, a platform connecting food donors and receivers to fight food waste and hunger in Lebanon, featuring secure authentication, AI-driven food quality detection, and real-time tracking of donations.

PROJECTS

- **AUBIFY:** A website to enhance communication and engagement within the AUB community using React, NodeJS, and MongoDB.
- **Flower Image Classifier:** A custom image classifier built with PyTorch using VGG16 and ResNet18 for training and deployment.
- **Middle East Traveling System (METS):** A database application for managing travel-related data, facilitating trip planning, and local events (SQL, NodeJS).
- **Maze Navigation:** An application featuring autonomous movement and advanced pathfinding in a dynamically generated maze (C++)
- **Domain-Specific Language Model Development:** Fine-tuned the Meta Llama 2 7B model using Amazon Sage Maker on a medical dataset to create a language model for applications like medical chatbots and automated content creation.

CERTIFICATIONS

- Introducing Generative AI with AWS from Udacity
- Ethical Hacking Workshop from Semicolon
- Techsplore 2024, Coding and Beyond: Cosmos Edition from allgirlscode
- Software Engineering Workshop from Google Developer Student Clubs
- Machine Learning for the disciplines from CAMS
- AI Programming with Python Nanodegree from Udacity and AWS