Nour Darwish

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Education

American University of Beirut | Bachelor's Degree in Computer Science | 2022-2025
USAID Full Scholarship awarded for academic excellence and financial need
Graduated with Distinction
Cumulative GPA: 3.96/4

Awards

- **3rd Place Winner** – INJAZ Innovation Competition
- **AWS AI & ML Scholarship** – Amazon, Udacity
- Selected to represent Lebanon in Egypt 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)

Skills

- **Languages:** SQL, JavaScript, Python, Java, C++
- **Frontend:** React, HTML/CSS, jQuery
- **Backend:** Node.js, Express.js, SpringBoot
- **Mobile:** Kotlin, Jetpack Compose
- **Database Management Systems:** MongoDB, MySQL, DynamoDB, PostgreSQL
- **AI/ML:** TensorFlow, Keras, PyTorch, Scikit-Learn, CNNs, Data Preprocessing & Feature Engineering, Model Evaluation Metrics
- **Cloud:** AWS (S3, Lambda, API Gateway, SageMaker, CloudWatch)
- **Tools & DevOps:** Docker, Git/GitHub, Jira, JupyterLab, Postman
- **Soft Skills:** Leadership, Communication, Problem-Solving

Volunteering

- **Mathematics Teacher | MMKN** – Taught math and supported students' academic progress.
- **Web Development Tutor | Paper Airplanes** – Women in Tech Program – Delivered beginner coding lessons to women learners.
- **Tutor | Social Welfare Institutions (SWI)** – Helped orphans with homework, routines, and staying on track academically.
- **Volunteer | Offre Joie NGO** – Prepared food, sorted medicine, and supported displaced families.
- **Event Organizer | Youth National Development** – Helped prepare school awareness sessions on food waste and sustainability.
- **Event Coordinator | AUB Career Fair** – Assisted with logistics and on-site coordination for a large university event.
- **Fellowship Participant | LEBNET** – Selected for a competitive tech and leadership fellowship.
- **Events Planner | Computer Science Students Society** – Planned and supported departmental student events.

Experience

GOOGLE DEVELOPER GROUP ON CAMPUS(GDG)
Vice President _Aug 2025 – Present_
- Led 8 sub-teams and coordinated cross-team workflows to streamline planning and execution of technical events at AUB.
- Delivered large-scale events including the Cybersecurity Series (140 attendees), Google Cloud Study Jams, and Google mock technical interviews.
- Supported the organization of the Build with AI event with 600+ participants, one of Lebanon's largest GenAI community events.

FOO
Java Backend Intern _June 2025 – August 2025_
- Built and optimized backend services using Java, Spring Boot, JPA, PostgreSQL, and Liquibase migrations.
- Implemented REST APIs, caching, async processing, validation, and API documentation.
- Integrated OCR tools, government APIs, and third-party services; performed testing and debugging with the backend team.

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

- **TobCare** – Built a healthcare platform enabling appointment booking, doctor browsing, and session summaries with support from an AI medical assistant.
- **OPTIVA** – Co-founded a startup delivering digital solutions to improve the restaurant experience.
- **AUBIFY** – Developed a web platform to enhance communication within the AUB community using React, NodeJS, and MongoDB.
- **Flower Image Classifier** – Implemented a PyTorch-based classifier using VGG16 and ResNet18, achieving 92% accuracy on multi-class flower recognition.
- **Middle East Traveling System (METS)** – Designed the database schema and developed backend APIs for a travel-data management system (SQL, NodeJS).
- **Maze Navigation** – Built an autonomous pathfinding application in C++ using optimized traversal algorithms.
- **Domain-Specific Language Model** – Fine-tuned the Llama-2 7B model on a medical dataset using Amazon SageMaker to support medical chatbots and content generation.

Certifications

- QWorld NYUAD QC Certification Course
- Machine Learning for the disciplines from CAMS
- AI Programming with Python Nanodegree from Udacity and AWS