

# Nour Darwish

**Address:** Beirut, Lebanon

**Email:** [darwichenour8@gmail.com](mailto:darwichenour8@gmail.com) | **Phone Number:** [+961 81 245 402](tel:+96181245402) | [LinkedIn](#) | [GitHub](#)

## SUMMARY

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Highly motivated Computer Science graduate from the American University of Beirut with a distinguished 3.95 GPA and a USAID Full Scholarship. Possesses hands-on experience in backend development using Java, Spring Boot, and Python, alongside building AI/ML applications with PyTorch and AWS. Proven ability to deliver impactful, full-cycle projects, showcased through competitive internships at Foo and Amazon.

## EDUCATION

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**Bachelor of Science in Computer Science | American University of Beirut (AUB)** **December 2025**

## PROFESSIONAL EXPERIENCE

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**Java Backend Intern | FOO** **June 2025 – August 2025**

- Engineered and optimized high-performance backend services utilizing Java, Spring Boot, and JPA, while managing database schema changes effectively through the implementation of Liquibase migrations.
- Developed robust REST APIs featuring advanced caching strategies, asynchronous processing for improved responsiveness, comprehensive data validation, and meticulously maintained API documentation for streamlined developer integration.

**Software Engineer (Apprenticeship) | Amazon** **May 2024 – August 2024**

- Collaborated closely with and received mentorship from two senior Amazon software engineers, applying industry best practices and technical insights to enhance project outcomes.
- Architected and developed MealMission, a full-stack platform to combat food waste, incorporating secure authentication, an AI-powered food quality detection model, and real-time donation tracking.

## VOLUNTEERING

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**Volunteer Vice President | Google Developer Group on Campus (GDG)** **August 2025 – Present**

- Direct and oversee eight distinct sub-teams, expertly coordinating intricate cross-team workflows to streamline the planning and execution of high-impact technical events for the AUB community.
- Successfully deliver a portfolio of large-scale events, including a comprehensive Cybersecurity Series for 140 attendees, immersive Google Cloud Study Jams, and valuable mock technical interviews.
- Provide critical organizational support for the landmark 'Build with AI' event, contributing to its success as one of Lebanon's largest GenAI community gatherings with 600+ participants.

**Fellowship Participant | LEBNET** **June 2025**

- Was selected through a highly competitive application process for an exclusive technology and leadership development fellowship, focusing on fostering innovation and growth among peers.

**Web Development Tutor | Paper Airplanes – Women in Tech Program** **June 2025**

- Delivered structured and engaging introductory web development coding lessons to women learners, empowering them with foundational programming skills within a supportive environment.

**Event Planner | Computer Science Students Society****December 2025**

- Successfully planned and provided logistical support for multiple departmental student events, enhancing engagement and fostering a strong sense of community among computer science peers.

**Volunteer | Offre Joie NGO****September 2024**

- Actively contributed to humanitarian relief efforts by preparing meals, meticulously sorting essential medicines, and providing direct, compassionate support to displaced families in immediate need.

**TRAINING AND CERTIFICATES****QWorld NYUAD QC Certification Course | Abu Dhabi University****February 2025****MRVP Undergraduate Research Workshops | American University of Beirut****January 2025****AI Programming with Python Nanodegree | Udacity and AWS****November 2024****Machine Learning for the disciplines | CAMS****April 2024****PROJECTS**

**TobCare:** Developed TobCare, a healthcare platform featuring appointment booking, doctor browsing, and automated session summaries. The platform integrates an AI medical assistant to enhance user support, improve patient outcomes, and streamline administrative tasks for medical professionals.

- **Technologies Used:** Artificial Intelligence, Backend Development, Frontend Development.

**OPTIVA:** Co-founded OPTIVA, a technology startup focused on revolutionizing the restaurant industry by delivering innovative digital solutions. The venture aimed to enhance dining through streamlined ordering, payment processing, and personalized engagement features for patrons.

- **Technologies Used:** Digital Solutions, Startup Development, UX/UI Design.

**AUBIFY:** Engineered AUBIFY, a dynamic full-stack web platform designed to foster enhanced communication and connectivity within the American University of Beirut community. The application leverages a modern technology stack including React for the frontend, NodeJS for the backend, and MongoDB.

- **Technologies Used:** React, NodeJS, MongoDB.

**Brain Tumor Detection System:** Developed a tumor detection model using MRI and CT scans, combining image classification and localization techniques. The project involved image preprocessing, training models to distinguish tumor vs. non-tumor cases, and applying methods to highlight regions.

- **Technologies Used:** Python, PyTorch, Computer Vision, CNNs, Medical Imaging.

**OTHER**

**Technical Skills:** SQL, JavaScript, Python, Java, C++, React, HTML, CSS, jQuery, Node.js, Express.js, Spring Boot, Kotlin, Jetpack Compose, MongoDB, MySQL, DynamoDB, PostgreSQL, TensorFlow, Keras, PyTorch, Scikit-Learn, AWS, Docker, Git.

**Soft Skills:** Communication, Problem-Solving, Teamwork, Adaptability, Time Management, Critical Thinking, Creativity, Collaboration, Strategic Planning, Decision Making, Active Listening, Detail-Oriented, Proactivity.

**Spoken Languages:** Arabic (native), English (proficient).