

Adam Sinno

☎ +961 78818983 | ✉ adamsinno2005@gmail.com | 📍 Beirut, LB

EDUCATION

American University of Beirut

Aug. 2023 – Jun. 2026

Bachelor of Science in Computer Science

Beirut, Lebanon

- **Relevant Coursework:** Data Structures, Algorithms, Databases, Computer Systems, Machine Learning, Data Science
- **Academic Focus:** Artificial Intelligence, Machine Learning, Data-driven systems, Intelligent automation

Beirut Baptist School

Jun. 2023

Lebanese Baccalaureate Very Good (16.1/20)

Beirut, Lebanon

EXPERIENCE

Lebanese Ministry of Youth and Sports

Feb. 2026 – May 2026

Mobile App Developer Intern

Beirut, Lebanon

- Developed and optimized core front-end systems for the ministry's official mobile platform
- Built scalable and user-centered interfaces for registration, program access, and organizational management
- Improved digital service delivery and accessibility through modern mobile development practices

CNS (Part of ICC Group)

Jun. 2025 – Aug. 2025

Cyber Security Intern

Beirut, Lebanon

- Participated in hands-on offensive security training through CTF challenges
- Developed skills in network and web attacks, exploitation, privilege escalation, and reconnaissance
- Strengthened practical experience in real-world cybersecurity testing and attack simulation
- Worked with penetration testing tools and attack methodologies used in modern security assessments

PROJECTS

Outlook AUB Website Development

- Collaborating with the Outlook AUB development team to design and build a new website from scratch for the university's student journalism and media platform
- Contributing to system architecture, authentication workflows, and core publishing features supporting student articles, campus news, and multimedia content

Network Attack Anomaly Detection System

- Developed an unsupervised anomaly detection system to identify network attacks using the UNSW-NB15 dataset
- Built a multi-stage data cleaning pipeline including missing value handling, Z-score and IQR outlier detection, payload truncation, and integrity checks
- Designed and compared clustering models (KMeans, DBSCAN, GMM) and anomaly models (Isolation Forest, One-Class SVM)
- Evaluated models using Silhouette Score, DaviesBouldin Index, CalinskiHarabasz Index, and external validation metrics

Medilink AI Health Platform

- Developed a patient health platform allowing users to interact with an AI chatbot for symptom analysis and medical guidance
- Built a responsive frontend using Next.js (React & TypeScript) and a scalable backend with Node.js connected to PostgreSQL
- Implemented doctor search functionality based on chatbot-diagnosed categories and medical needs

CERTIFICATES

Amazon Industry Program Bootcamp 4.0

2025

Machine Learning Track

Beirut, Lebanon

- Completed intensive training covering machine learning fundamentals, data preprocessing, and predictive modeling
- Worked with Python-based ML tools including Pandas, NumPy, and Scikit-learn to develop practical ML solutions

CME Cyber Security Workshop

2025

Cyber Security Training Program

Beirut, Lebanon

- Gained hands-on experience in cybersecurity concepts including network security, vulnerability assessment, and attack simulation
- Applied practical techniques used in modern penetration testing and defensive security environments

EXTRACURRICULAR ACTIVITIES

AUB Outdoors

May 2025 – Mar. 2026

Operations and Logistics Member

Beirut, Lebanon

- Managed entry logistics and crowd control procedures for events hosting over 3000 attendees
- Participated in operational planning meetings to improve visitor flow, security procedures, and event efficiency

Computer Science Student Society (CSSS)

Nov. 2025 – Present

Committee Member

Beirut, Lebanon

- Contributed to organizing academic and networking events for computer science students
- Collaborated with faculty and students to support community engagement and professional development initiatives

SKILLS

Programming Languages : Java, Python, C, C++, Flutter(Dart) , Node.js , Next.js , JavaScript (React.js), HTML/CSS, SQL (PostgreSQL, MySQL)

Tools/Frameworks : Figma, Notion, Jira, GitHub, VSCode, Jupyter Notebooks, Pandas, NumPy, Scikitlearn, Matplotlib
Languages : Arabic (Native), English (Fluent), French (Beginner)