

CHARBEL AKIKI

+961 81 890 797 – Beirut, Lebanon

charbelakiki18@gmail.com – www.linkedin.com/in/charbel-akiki18

EDUCATION

Notre Dame University (NDU)

Zouk Mosbeh, Lebanon

Bachelor of Engineering in Computer and Communications Engineering

December 2025

- Major GPA: 3.97/4.00
- Honors: Dean's List (5 semesters)
- Relevant Coursework: Fundamentals of Programming (C++), Data Structures, Database Systems, MATLAB Programming, Python Programming, Computer Networks, Computer Security

SKILLS

- **Programming Languages:** C++, MATLAB, Python, JavaScript, SQL, MIPS
- **Technologies/Frameworks:** Flutter, HTML5, CSS3
- **Database:** MySQL, MongoDB
- **Developer Tools:** Visual Studio Code, Visual Studio

EXPERIENCE

AIHC International Ltd.

Bsous, Lebanon

Full-Stack Mobile App Development Intern - Online

August – November 2023

- Learned the fundamentals of Flutter and SQL during the first 2 weeks.
- Implemented a pleasant UI for a hands-on mobile app project using Flutter, implementing sidebars, a home menu, and a contact/registration form.
- Incorporated a backend connection from the Flutter app to a MySQL database through PHP script querying, and to MongoDB using Flutter packages.
- Collaborated with 2 fellow interns to allow the synchronization of a web and mobile app project.

PROJECTS

Brain Wave Signals Monitoring Program (MATLAB)

- Conducted signal analysis (Fourier Transform) in MATLAB, to extract electric brain frequencies from EEG diagrams.
- Developed an 88% accurate emotion detection algorithm through the quantification of brain frequencies and measuring their relative contributions.
- Applied Cross correlation technique to compare 4 sets of EEG diagrams and return the correlation percentage, helping in anomalous brain pattern detection.

Personal Website (HTML, CSS, JavaScript)

- Applied principles of HTML, CSS, and JavaScript to implement an interactive and well-structured website.

EXTRACURRICULARS

LebNet Tech Fellows 2024

- Member of the 2024 tech fellowship program offered by LebNet, focusing on self-improvement and success in tech careers.

IEEE NDU Club - Student Branch

- Member of IEEE organization for electrical and electronics engineers.