

ALI CHAHROUR

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SUMMARY

Motivated and detail-oriented engineering student seeking a challenging internship to apply and grow technical skills. Strong foundation in problem-solving, Machine Learning, and software development life cycles. Passionate about building efficient, scalable solutions and continuously learning new technologies. Eager to contribute to dynamic teams and real-world projects.

EDUCATION

Telecommunication and Computer Engineering 2022 - Present
Lebanese University

Advanced Preparatory (AP) Program (Pre-University) 2018 - 2020
Selected for a highly competitive academic program, designed for high-achieving students

- Completed courses across various subjects, including programming, electronics, and microcontroller, building a broad technical and interdisciplinary foundation.
- Enhanced programming skills, particularly in C++, through projects and coursework.

TRAINING / COURSES

Machine Learning Specialization	Deep Learning Specialization
Deeplearning.AI	Deeplearning.AI
Mathematics For Machine Learning	Statistics with Numpy
Deeplearning.AI	Codecademy
Data Analysis with Pandas	Introduction To Networks
Codecademy	Cisco CCNA1

PROJECTS

Head-Controlled Wheelchair:

Designed and developed an innovative assistive mobility system that allows individuals with severe physical disabilities to control a wheelchair using only head movements. The project aims to restore independence and improve the quality of life for people with limited limb function by enabling them to move freely and safely without external assistance. Built with a focus on affordability, accessibility, and ease of use, the system demonstrates how technology can bridge the gap between disability and mobility, offering a practical and empowering solution for everyday movement.

Car Renting System

Developed a complete car rental management featuring vehicle inventory management, booking functionalities, user authentication, and payment tracking. The project applied principles of object-oriented programming (OOP) and utilized a relational database for data storage. Focused on delivering a user-friendly interface and ensuring the application's performance, reliability, and scalability.

LANGUAGES

English	Proficient
Franch	Beginner
Arabic	Native

SKILLS

Programming
C++ · Python · C · C# · Assembly · SQL · noSQL · HTML · CSS · Javascript

Software:
Matlab · Proteus · Labview · Autocad · Packet Tracer

EXPERIENCE

Electrical Engineer Internship
Electro Mechanical Studies
08/2025 - 10/2025 Beirut, Lebanon