Lea El Hajj Diab 3/6/2025

Nationality-Lebanese

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Dear sir,

I am writing to express my interest in the summer internship opportunity at Arab center for research and policy studies am currently a second-year student pursuing a Bachelor’s degree in Computer Engineering at Antonine University. I am eager to apply my academic knowledge and technical skills in a real-world setting and to gain valuable experience in the technology and engineering field.

🎓 Education

**Lebanese School of Qatar (LSQ)**

High School Diploma – Terminal Class

- Graduated with a final average of 17.89/20, demonstrating strong academic performance

- Successfully completed a rigorous curriculum aligned with Lebanese and international standards

**Antonine University – Baabda, Lebanon**

Bachelor of Engineering in Computer Engineering  
Expected Graduation: [may, 2028]

- Currently in second year

- Relevant courses: Programming (C++, Java), Data Structures, Object-Oriented Programming, Database Design, Routing & Switching, Open Source Systems (Red Hat Linux)

## 💻 Technical Skills

* Programming Languages: C++, Java
* Web Technologies: HTML, CSS
* Database Management: SQL, relational & logical modeling
* Networking & Operating Systems: Routing & Switching (Cisco), Red Hat Linux
* Development Tools: Visual Studio Code
* Circuit Design & Electronics: Breadboard-based circuit assembly, logic gates, amplifiers, transistors

## 🛠 Projects & Coursework

* Car Rental System\_(C++ Coursework | 2023)
  + Developed a back-end system for managing car rentals
  + Used file handling to store and retrieve rental information from text files
  + Practiced object-oriented programming and data processing
* Recipe App\_(Java Coursework | 2024)
  + Created a back-end recipe management system using Java
  + Implemented file-based data storage for saving and retrieving recipes
  + Focused on logical structuring of code without UI design
* Web Design Project\_(HTML & CSS | 2024)
  + Developed a website for a university course using HTML and CSS
  + Focused on structuring content and styling elements for clear presentation
  + Applied responsive design principles for usability
* Database Design – Hospital Patient Records\_(SQL & Data Modeling | 2024)
  + Designed a database system for managing hospital patient records
  + Created logical and relational models to optimize data organization
  + Implemented SQL queries for efficient data retrieval and management
* Fundamental Electronics Experiments\_(Breadboard-Based Circuit Design | 2024)

- Built and tested circuits using logic gates, amplifiers, and transistors

- Gained hands-on experience in electronic components and circuit troubleshooting

- Explored basic electrical principles through practical lab applications

## 🌟 Soft Skills

- Strong analytical and problem-solving abilities  
- Team player with good communication skills  
- Fast learner and highly adaptable  
- Organized and reliable under pressure

## 🌐 Languages

- Arabic – Native  
- English – Fluent  
- French – Fluent

## 📌 Interests

- Robotics and embedded systems  
- Software development and AI basics  
- Participating in university tech clubs and competitions