

# Charbel Nassar

Baabda, Lebanon | nassarcharbel9@gmail.com | +96176070929

GitHub: <https://github.com/nassarc7> | LinkedIn: <https://www.linkedin.com/in/charbel-nassar>

---

Final-year Computer Science student at Antonine University (graduating May 2026) with strong foundations in software development, web technologies, and AI concepts. Experienced in designing and building academic projects across web, UX/UI, and machine learning domains. Known for discipline, reliability, and the ability to balance full-time work with rigorous academic commitments. Actively seeking an internship or junior role in software, web, mobile, or data/AI development.

---

## Education

**Bachelor of Science in Computer Science** | Antonine University, Baabda, Lebanon  
Expected Graduation: May 2026

---

## Technical Skills

- **Programming Languages:** Python, Java, C++.
- **Web and Mobile Development:** HTML, CSS, JavaScript, React, React Native.
- **Databases:** MySQL, MongoDB.
- **Tools and Technologies:** Git, GitHub, REST APIs, JSON, Figma, Linux (basic), VS Code.
- **AI / Machine Learning:** Convolutional Neural Networks (basic), Image preprocessing, Python ML ecosystem.

---

## Technical Projects

### AI Image Colorization Desktop Application

**Technologies:** Python, Convolutional Neural Networks (CNN), Image Processing, Machine Learning, GUI Development

- Developed a machine learning-based desktop application to automatically colorize grayscale images using convolutional neural networks (CNNs).
- Implemented image preprocessing pipelines, model inference, and post-processing to generate consistent colorized outputs.
- Integrated the trained model into a Python desktop GUI application, enabling end-to-end deployment of an AI solution.
- Optimized processing workflow to improve application performance and output quality.
- Applied concepts from machine learning, computer vision, and software development in a practical project environment.

## **Edugate | Online Learning Platform (System Design and UX Project)**

**Technologies:** HTML, CSS, JavaScript, React, Figma, REST APIs (conceptual), Requirements Analysis

- Designed a user-centered online learning platform by conducting requirements analysis, user research, and persona development.
- Created high-fidelity UI/UX prototypes using Figma to define application workflows and user interactions.
- Applied MoSCoW prioritization to identify core functional and non-functional system requirements.
- Proposed an AI-powered chatbot feature to improve user support and platform engagement.
- Aligned user experience design with system-level and technical considerations, bridging product requirements and software implementation.

---

## **Work Experience**

2021 – 2025

### **Cashier and Store Operations | La Noisette, Jamhour**

- Managed daily cash operations with accuracy and accountability.
- Delivered consistent customer service and resolved issues efficiently.
- Handled inventory management, stock checks, and supplier coordination.
- Balanced full-time employment with university studies, demonstrating strong time management, discipline, and reliability.

---

## **Volunteering**

2020 – Present

### **Lebanese Red Cross Volunteer | Baabda Branch**

- Psychological First Aid (PFA)
- Protection from Sexual Exploitation and Abuse (PSEA)
- First Aid & CPR/AED Certification

---

## **Soft Skills**

Problem Solving and Critical Thinking | Teamwork and Communication | Time Management |  
Adaptability | Leadership | Independent Learning.