

# Elias Khneisser

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## EDUCATION

### American University of Beirut (AUB)

*Bachelor of Engineering, Electrical and Computer Engineering, Cumulative GPA: 3.75/4.0*

Beirut, Lebanon  
Aug 2021 - June 2025

- Earned spots on the Dean's Honor List for exceptional academic performances

### Collège des Saints-Cœurs Kfarhabab (SSCC)

*Lebanese Baccalaureate, General sciences*

Ghazir, Lebanon  
Sept 2007 - July 2021

- Awarded for ranking first in physics and chemistry for three consecutive years

## PROFESSIONAL EXPERIENCE

### Dar Al-Handasah

*Engineering Consultant Intern*

Beirut, Lebanon  
July 2024 - Aug 2024

- Conducted safety assessments for a 12-floor office building, ensuring compliance with safety standards and reducing hazards
- Designed energy-efficient lighting systems for a 500-student school, resulting in an estimated annual savings of 20,000 kWh
- Analyzed elevator traffic for a residential building, improving passenger flow and reducing waiting times by up to 20%

### Technica International

*Electrical Automation Intern*

Bikfaya, Lebanon  
June 2024

- Played a key role in assembling critical electrical systems for major clients, cutting project turnaround time by 5 days
- Inspected cable management systems and installed essential components, minimizing system failures by 2 incidents per month
- Contributed to the successful integration of advanced robotic systems, boosting productivity by 10 additional units per day

### Inmind.ai

*Robotics and Machine Learning Intern*

Mkalles, Lebanon  
Jan 2024 - March 2024

- Delivered two innovative solutions under the guidance of seasoned industry professionals, driving real-world impact
- Addressed modern challenges in robotics and AI, streamlining processes to save an average of 5 hours per project
- Sustained an advanced object detection system using a custom dataset, strengthening accuracy for identifying equipment by 20%

### American University of Beirut

*Python Teaching Assistant*

Beirut, Lebanon  
Aug 2023 - Dec 2023

- Chosen from 40+ candidates to provide coding assistance based on academic achievements and Python expertise
- Adopted student-focused methods to simplify complex concepts, refining both communication skills and student outcomes
- Leveraged Python proficiency to assess 50 students weekly, acquiring attention to detail and sense of responsibility

## EXTRACURRICULAR ACTIVITIES

### AUB Investment Club

*Student Consultant*

Beirut, Lebanon  
Oct 2022 - Oct 2024

- Promoted the club's largest events, fruitfully attracting over 50 attendees and 4 prominent speakers
- Coordinated to build strong team partnerships, expanding the club's influence and outreach

### AUB Track and Field Varsity

*Team Member*

Beirut, Lebanon  
Sept 2022 - Present

- Orchestrated and inspired a 10-member team to compete in the Lebanese Universities Olympiad
- Showed exceptional dedication to the sport, consistently upgrading both individual and team results

### AUB Peer2Peer Mentorship Program

*Academic Mentor*

Beirut, Lebanon  
Aug 2023 - Dec 2023

- Supported 5+ students in acclimating to campus life, selecting appropriate courses, and cultivating effective study strategies
- Advised mentees on securing internships and navigating campus clubs, assuring they built valuable connections

### Les Scouts Du Liban

*Chief*

Ghazir, Lebanon  
Oct 2011 - Aug 2022

- Led a dynamic team of scouts, organizing year-round camps and activities that fostered leadership and community engagement
- Spearheaded fundraising initiatives that exceeded our target by 150%, facilitating the construction of new local facilities

## ADDITIONAL INFORMATION

- **Skills:** Microsoft Office (PowerPoint, Excel, Word), Python, C++, PSpice, Ansys, LabVIEW, MATLAB
- **Languages:** Arabic (Native), French (Bilingual), English (Fluent)
- **Hobbies:** Tourism, Ski, Football (set up games between campus faculties), Nature and Pets, Technology and Sustainability