

# Elia Yermakov

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A driven and enthusiastic engineer seeking a full-time internship or job with a high-profile organization that values innovation and technological developments and offers opportunity to learn and grow.

## EDUCATION

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### University of Balamand

Bachelors of Technology in Mechatronics Engineering

Lebanon, Koura

09 / 2019 – 06 / 2022

- **GPA:** 3.7
- **Relevant coursework:** Programming 1 and 2 (C and C#), Artificial Intelligence (Python), Machine Learning (Python), VHDL

### Rawdat El-Fayhaa High School

Lebanese Baccalaureate in General Science

Lebanon, Tripoli

2008 – 2019

## WORK & RELEVANT EXPERIENCE

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### El-Sayed Engineering Company

Intern

06 / 2021 – 08 / 2021

Lebanon, Tripoli

- Disassembled and reassembled diesel generators from the ground up
- Understood the functioning of electrical generators
- Diagnosed and maintained malfunctioning generators

## ACADEMIC PROJECTS

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### Graduation Project

2022

- Simulated a fully automated parking structure using PLC
- Self-taught and developed an HMI interface that works in conjunction with the plc software

### Analysis and Design of Logic Systems Project

2021

- Designed and programmed a microwave using VHDL language
- Improved design by adding timers to provide a sequential workflow

## SKILLS & INTERESTS

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- **Nationality:** Ukrainian
- **Languages:** Fluent in English and Arabic, proficient in Russian
- **Awards and Certificates:**
  - Dean's Honor List
  - Cisco CCNA: Introduction to Networks Certificate (2020)
  - First place in the Robotics category at LAU's Annual Science and Arts Fair (2014)
- **Technical Skills:** PLC (Siemens and Schneider), HMI, AutoCAD, RPA (Robotic Process Automation), Python, C and C#, JavaScript, HTML, CSS, MATLAB, LabView, VHDL, KNX
- **Interests:** Industrial Automation, Robotic Programming, Control Automation, Web developer, Programming, Frontend Developing

## REFERECES

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Available upon request