

IYAD BAZ

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OBJECTIVE

Hard-working, performance driven, and passionate Mechatronics Engineering student with a strong attention to detail and experience in coding, conducting reports, planning projects. Possess well-developed analytical skills, excellent teamwork abilities, and great communication skills. Iyad is presently looking for an internship with an Automotive or Aerospace firm.

EXPERIENCE

TUTORING

- Mainly courses as: Thermodynamics, Statics, Calculus III, Electric Circuits I & II, and Signals and Systems

GEEK EXPRESS TUTOR

- Focuses on programming languages

EDUCATION

LEBANESE AMERICAN UNIVERSITY

B.E. in Mechatronics Engineering, GPA 3.86/4

Sept 2019 - Present

- Dean's Distinguished List – Fall 2019 & Spring 2021
- Honor's Program since Fall 2019
- MEPI Tomorrow's Leaders Program Scholarship 2021-2022

LE LYCEE NATIONAL SCHOOL

General Sciences Lebanese Baccalaureate

Sept 2004 - June 2019

- High School Diploma, Grade 17.8/20
- Graduated with a High Distinction

SKILLS

HARD SKILLS

- Java, C++, Python, SolidWorks (Associate-Mechanical Design), Fusion 360, AutoCAD, MATLAB/Simulink, LabView, Easy68k, LTSpice, PSpice, Web Development, Microsoft Office, Quartus, Unity.

SOFT SKILLS

- Teamwork, Leadership, Time management, Stress tolerance, Problem-solving, communication, and public speaking

LANGUAGES

- English(fluent), Arabic(native)

COURSES AND PROJECTS

COURSES

- CAM and Design Manufacturing for Mechanical Engineers with Autodesk Fusion 360 (online course)
- Gender Discrimination (Fall 2021)

PROJECTS

- Currency Converter using logic design
- Clock generating circuit
- Grey water system for Litany River purification
- Sorting system (implemented using computer vision and Raspberry Pi)
- Two Stroke Engine along with a differential gearbox implemented using SolidWorks

ACTIVITIES AND SOCIAL WORK

WORKSHOPS

- Guideposts to choice and conscious decision making.
- Intro to convolutional neural networks
- Fundamentals of building quality software
- Intro to artificial intelligence
- Intro to machine learning

COMPETITIONS

- Lebanese Collegiate Programming Contest
- ALG Competition

SCOUTS

- Member in Le Lycée National scouts since 2006
- Participated and organized many social working activities (Assisting elderly, cleaning nature, ...)

HULT COMPETITION

- Member of the PR & Sponsorship team