

# Wissam Mahmoud

Senior Computer Engineering student & AI enthusiast

A diligent, dynamic, and dedicated college student working to achieve a Bachelor of Engineering in Computer Engineering at BAU University. I am constantly eager to improve myself, & self-motivated to overcome challenges & broaden my horizons, especially when it comes to the digital era. I'm actively seeking opportunities to utilize the knowledge and skills that I've acquired from both my coursework and the workshops I've attended. My ultimate interest is to become a valuable asset to any professional organization that I work for.

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## ▪ EDUCATION

### Bachelor of Engineering - Computer Engineering BAU, Lebanon

2019 - Present

### Lebanese Baccalaureate - Life Science Lycée National, Lebanon

2003 - 2018

## ▪ PROJECTS

#### DocAI

- Created a multi-pronged document classifier using AI & machine learning

#### VaaR QOE model

- Engineered a quality of experience model for a vehicle as a resource system

#### E-Commerce Website

- Pioneered & designed an e-com website for a store using Bootstrap JS and React

#### Mood based movie recommender

- Built a machine learning recommender system based on mood related data

#### Speech & Voice Recognition Application

- Modeled & established a speech recognition algorithm using Deep learning tools in LabView

## ▪ EXPERIENCE

### ML Engineer Intern

#### MOX Technologies, Canada (remote)

08/2017

Influence:

- Engineered diverse agile solutions using AI & ML

### Chairperson

#### IEEE, Lebanon

07/2020 - Present

Influence:

- Managing overall operations of the BAU branch
- Coordinating affairs with local section & other professional orgs
- Providing guidance & support to IEEE members & volunteers

### Founder & COO

#### AutoXotics, Lebanon

01/2018 - Present

Influence:

- Leading & directing the club's organization towards success, guided by clear mission, strong vision and values
- Planning immersive community events and periodic meetings

## ▪ SOFT SKILLS

Resourcefulness

Problem solving

Critical thinking

Statistical Analysis

Curiosity

Teamwork

Self-regulation

Insightfulness

Time management

Creativity

Integrity

Multi-tasking

Empathy

Fast Learner

Composure

Motivating people

Pattern Recognition

Agility

## ▪ SOCIAL WORK

### Active Member - Environmentalists' Tribe

*Volunteered in eco-friendly activities, taking part in local & global natural environmental movement via small impactful changes towards a healthier planet*

### Buddy Program Member - LAU

*Supported international students in Lebanon, in adapting easily & engaging with the community, by offering linguistic support & cultural guidance*

## ▪ TECHNICAL SKILLS

### Coding Languages & Technologies:

*Python, Java, C, C++, C#, SQL, VBA, JavaScript, Bootstrap, Assembly, VHDL, Solidity*

### Tools & Programs:

*TensorFlow, Hadoop, Google Colab, MatLab, VisualStudio Code, LabView, NS3, Pycharm, Intel Quartus, Jupyter Notebook, Vbox, MO365, Cisco Packet Tracer*

### Digital adroitness:

*SDLC, Data Analysis, Algorithms Development, Data modeling, Documentation, Report technical writing, Adobe Photoshop, Video Editing, Design Ideation*

### Business & Marketing

*E-Commerce technicalities, Smart contracts, Email Marketing, SEO, Advertisements and Copywriting, Facebook / Google / TikTok Ads, Influencer Marketing, UX/UI*

## ▪ CERTIFICATES

Advanced Python Course by Softech

Microsoft Zaka Artificial Intelligence Bootcamp

Big Data Foundations, Modeling and Management

E-commerce & Marketing Strategies Bootcamp

Sustainable Technologies for the Automotive Sector Mock

## ▪ LANGUAGES

Arabic

*Native or Bilingual Proficiency*

French

*Professional Working Proficiency*

English

*Full Professional Proficiency*

German

*Elementary Proficiency*