AYMAN NEGM

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LinkedIn

PROFILE

Dedicated and driven **Data Analytics Enthusiast** with a strong foundation in Python and data-driven problem-solving. Currently pursuing a Bachelor's degree in Computer Engineering, I am passionate about leveraging data to uncover insights and drive impactful decisions. Skilled in Python, data visualization, and IoT applications, with hands-on experience in cloud platforms and data management.

EDUCATION

MSA University — Bachelor of Engineering (Computer Engineering)
October 2022 – Present

SKILLS

- **Programming**: Python, SQL, C++, Django, HTML/CSS/JS, Bootstrap
- **Data Analysis**: NumPy, Pandas, Matplotlib, Seaborn
- **Cloud Platforms**: AWS, Google Cloud
- **Data Visualization**: Plotly Express, Dash
- **IoT**: Master of Things platform
- **Other Tools**: Linux OS, Project Management, Pentesting

PROJECTS

Library Management System

- Developed a robust library management system using C++ to streamline book tracking and borrowing processes.

E-Commerce Website

- Built a full-stack e-commerce platform utilizing HTML, CSS, JavaScript, and Bootstrap for the frontend.
- Integrated Django and SQL for backend operations and deployed it on a cloud-based server for scalability.

IoT-Based Baby Monitoring System

- Designed a system to ensure child safety and comfort using motion detection via mobile phone accelerometer sensors and the Master of Things platform.

Data Analysis Project

- Converted raw datasets into actionable insights using Python, SQL, and Excel to create meaningful visualizations.

CERTIFICATIONS & TRAINING

- **Data Science & Cloud**:
  - AWS Cloud Fundamentals – Amazon
  - Cloud Security – Google
  - Web Development with Python – ITI
  - Network Fundamentals – Mahara Tech
  - Data Science _ DEPI

LANGUAGES

- Arabic (Native)
- English (Very Good)

VOLUNTEERING & LEADERSHIP

- **Research Team Leader** — Lebaladna Charity (Oct 2023 – Present)
  Coordinated research efforts to improve community initiatives, including data collection and strategic planning.
- **Usher** — MSAEF 15th Edition, MSA University (May 2024)