HABIBA MOHAMMAD ATIIA

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PROFILE

Fourth-year Computer and Data Science student seeking an internship to apply my passion for technology in solving real-world problems. Strong communicator, collaborative, and highly organized, with a commitment to responsibility, ability of working in a team and hard work.

EDUCATION

ALEXANDRIA UNIVERSITY (AU):
Faculty of Computers and Data Science (2021 – 2025)
CGPA: 3.67

WORK EXPERIENCE

- **Social Media Moderator at AG Pharma.** **(June 2023 – March 2024)**

TRAINING

- **SAS Data Analysis and Machine Learning Trainee.** **(July 2023 - September 2023)**
- **Machine Learning Trainee at IEEE.** **(April 2024 – Now)**
- **Data Science and Machine Learning Trainee at Microsoft Student Club-EELU.** **(April 2024 – Now)**
- **Data Analyst Intern at Mentorness.** **(June 2024 – July 2024)**
- **Data Science and Machine Learning Intern at Cellula Technologies.** **(July 2024 – August 2024)**
- **Artificial Intelligence Trainee at My Communication.** **(July 2024 – Now)**

ACTIVITIES

Human Resources Team member. **Safwa FCDS (October 2021 -August 2022)**
Scientific Committee Member. **Students Union Of FCDS (2021-2022)**
Training & Development Staff. **Mind Utopia Project – SMU (July 2023-October 2024)**
Volunteer & Teaching Assistant for AI Course. **Planetarium Science Center - BA (July 2024 – Now)**

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, OOP.
- **Database and Data Analysis:** SQL, R.
- **Data Visualization:** Power BI, Python libraries.
- **Statistics and Probability.**
- **Machine Learning:** Scikit Learn library.
- **Framework:** Flask.
- **Microsoft Office.**
- **Web Development:** HTML, CSS.
- **Mobile Development:** Android Studio (Java).
- **Networks:** TCP/IP Model, OSI Model, Routing, Cisco Packet Tracer, Wireshark.

COURSES

- **Database Fundamentals – Mahara Tech.** **(March 2023)**
- **Data Literacy, Machine Learning Using SAS Viya 3.5.** **(August 2023)**
- **Python for Data Science, AI and Development - Coursera (IBM).** **(June 2024)**
- **Machine Learning Introduction – Coursera (IBM).** **(July 2024)**
- **Generative AI: Introduction and Applications - Coursera (IBM).** **(July 2024)**

PROJECTS

- **Diabetes Detection System**
  - Cleaned, analyzed, and visualized data to derive actionable insights.
  - Developed a predictive system for diabetes using Random Forest, Decision Tree and SVM models.
- **Using Data Science Tools For Develop A Deep Learning Model To Classify Melanoma.**
  - Preprocessed dataset by resizing images and normalizing pixel values.
  - Developed and evaluated PCA, SVM, and CNN models, achieving high accuracy and sensitivity.
  - Selected CNN as the best model, outperforming SVM.
- **Applying Machine Learning To Recognize Handwritten Dataset.**
  - Applied Artificial Neural Network (ANN) and Convolutional Neural Network (CNN) models.
  - Evaluated models' performance Achieving accuracy of 0.964 for CNN model.

- **Linear Regression Models Using R.**
  - Built single and multiple linear regression models from scratch to predict housing prices
  - Including data preprocessing, model development, and visualization of regression lines with scatter plots.
- **Hospital Database Management System Using SQL With A Website.**
  - Used HTML and CSS for the front end to enable users to log in, sign up, and book appointments.
  - Used PHP and SQL for the back end and database to manage doctors and patients information and handle patient appointment cost calculations.
- **Clinic Application Using Android Studio With Java.**
  - Created a user-friendly interface with clean XML layouts, intuitive navigation, and Firebase authentication.
  - Enabled login, registration, doctor information access, and appointment booking.

LANGUAGES

- **Arabic:** Native.
- **English:** Very Good.

Thank You!