HABIBA MOHAMMAD ATIIA

Alexandria, Egypt
01155445949
habibamohamad507@gmail.com | LINKEDIN

PROFILE

Third-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 and hard work.

EDUCATION

ALEXANDRIA UNIVERSITY (AU):
Faculty of Computers and Data Science - CGPA: 3.6

WORK EXPERIENCE

- **Social Media Moderator for 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)**

ACTIVITIES

Human Resources Team member.	**Safwa FCDS (October 2021)**
Scientific Committee Member.	**Students Union Of FCDS (2021-2022)**
Training & Development Staff.	**Mind Utopia Project – SMU (July 2023)**

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, OOP.
- **Web Development:** HTML, CSS.
- **Mobile Development:** Android Studio (Java).
- **Database and Data Analysis:** SQL, R.
- **Networks:** TCP/IP Model, OSI Model, Routing, Cisco Packet Tracer, Wireshark.
- **Machine Learning.**

COURSES

- **Machine Learning Using SAS Viya 3.5 (August 2023).**
- **Database Fundamentals – Mahara Tech (March 2023).**

PROJECTS

- **Design Computer Network for Faculty of Computers and Data Science.**
  - Designed Seven Computer Network for all departments with different topologies.
  - Sub-netted All LANS to achieve lowest waste of IPs.
  - Implemented Routing using different protocols (OSPF, RIP, and EIGRP).
  - Applied Control Access list to improve network security.

- **Diabetes Detection System**
  - Cleaned, analyzed, and visualized data to derive actionable insights.
  - Developed a predictive system for diabetes using Vector model classification, Random Forest, and Decision Tree algorithms.

- **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.

- **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.

- **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 doctor and patient information and handle patient appointmen cost calculations.