Ahmed Yasser Ahmed

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OBJECTIVE

Aspiring Junior Data Scientist with a strong foundation in mathematics, Python, data pre-processing, and visualization. Skilled in machine learning, deep learning, NLP, and computer vision, with hands-on knowledge of cloud platforms such as Microsoft Azure and MLflow. Seeking a Junior Data Scientist role to apply skills in real-world data challenges, contribute to data-driven solutions, and grow through continuous learning and collaboration with experienced professionals.

EDUCATION

Bachelor of Science in Computer Science   2023–2027
Fayoum University
– GPA: 3.45/4.0

SKILLS

– **Machine Learning & AI:** Machine Learning (ML), Deep Learning (DL), Natural Language Processing (NLP), Computer Vision

– **Data Handling:**
  – **Preprocessing:** Pandas, NumPy
  – **Visualization:** Matplotlib, Seaborn

– **Programming & Languages:** Python, C++

– **Computer Science Fundamentals:** Object-Oriented Programming (OOP), Data Structures & Algorithms, Problem Solving using C++

– **Tools & Platforms:** Microsoft Azure, MLflow (Model Lifecycle Management)

– **Mathematics & Foundations:** Applied Mathematics, Statistics

SOFT SKILLS

– Problem Solving & Analytical Thinking

– Communication & Presentation Skills

– Teamwork & Collaboration

– Time Management

– Adaptability & Continuous Learning

PROJECTS

– **California Housing Price Prediction – Machine Learning Project**   Jan 2025
  – Built a regression model using **XGBoost Regressor** to predict California housing prices.
  – Conducted data exploration and correlation analysis with **Pandas** & **Seaborn**.
  – Achieved performance metrics: **MAE = 0.31**, $\mathbf{R^2 = 0.83}$.
  – Developed visualizations such as scatter plots (actual vs. predicted) and correlation heatmaps.
  – **GitHub:** github.com/ahmedyasser1588/California-Housing-Price-Prediction

TRAINING & PROFESSIONAL DEVELOPMENT

– **Digital Egypt Pioneers Initiative (DEPI) – AI & Data Science Track**   Jun 2025 – Present
Ministry of Communications and Information Technology (MCIT), in collaboration with Microsoft
6-month intensive program covering Python, Data Science, Machine Learning, Deep Learning, NLP, Computer Vision, Azure AI Fundamentals, and MLOps (MLflow, Hugging Face). Completed a Capstone Project demonstrating end-to-end ML workflow.

CERTIFICATIONS

– **Certificate of Appreciation – Data Analysis Committee, IEEE FSB Student Activity**   2024 – 2025
Recognized for contributions, dedication, and active participation in the Data Analysis Committee.
View Certificate

– **Mastering Object-Oriented Programming (OOP) using C++** – ITI Platform (Mahara-Tech)   Dec 2024
Certificate of Completion (3 hours). Verification Code: 9a35vHBeWN.
View Certificate

EXTRACURRICULAR & VOLUNTEERING ACTIVITIES

– **IEEE FSB Student Branch – Data Analysis Committee Member**   2024 – 2025
Contributed to data analysis initiatives, events, and technical activities

– **ICPC (International Collegiate Programming Contest) – Contestant**   2023 – 2024
Practiced and competed in algorithmic problem-solving using C++.

– **Google Developer Student Club (GDSC) – English Team Member**   2023 – 2024
Collaborated on content creation, communication tasks, and technical activities.

– **Resala Charity Organization – Food Serving Volunteer**   2023 – 2024
Participated in two food-serving events, including meal preparation and distribution to underprivileged communities.

LANGUAGES

– Arabic: Native

– English: Upper-Intermediate (Working Proficiency)