Tasneem Sherif Ahmed

📞 01121266922   📍 Cairo, Egypt | ⌨ | in | kaggle | ⑆ | M |

PROFESSIONAL EXPERIENCE

| Feb 2024 – present | **Devops Engineer,** Sprints |
| | • Skilled in Agile, DevOps, AWS, automation (CI/CD, Ansible, Terraform), Docker, Kubernetes, and SRE. |

| Aug 2023 – Nov 2023 | **Mobile Developer Intern,** knowledge officers |
| | • Created 3 React Native apps with 25% faster performance. |

| Aug 2023 – Nov 2023 | **IOT facilitator,** Nile university |
| | • Empowered youth in IoT projects, and integrated machine learning models into project workflows. |

| Mar 2023 – Aug 2023 | **Instructor,** DECI initiative - Udacity |
| | • Delivering interactive sessions and imparting essential technical concepts and skills to students. |

| Aug 2022 – Dec 2022 | **Game Developer Intern,** GMind |
| | • Implementing two game mechanics using C# and Unity, resulting in a 4% increase in user engagement levels. |

| May 2022 – Aug 2022 | **Programming Facilitator,** Samsung Innovation Campus |
| | • Implemented personalized learning programs for a cohort of 30+ learners, leveling up the average score by 20%. |

| May 2022 – Aug 2022 | **XR Developer Intern,** U.S. EMBASSY - 412Labs |
| | • Crafted three immersive AR, VR, MR, and XR experiences in C# and Unity, driving a 30% boost in user engagement. |

| Mar 2021 – Dec 2021 | **STEAM Instructor,** TECHADEMICS |
| | • Delivered teaching objectives via various tools and processes, with 85% of students demonstrating improved participation. |

| Aug 2021 – Nov 2021 | **Machine Learning Engineer Intern,** Samsung Innovation Campus |
| | • Applied Python to develop high-precision AI models, with a focus on **computer vision** projects. |

EDUCATION

Jan 2024 – present	**AI & Data Science Program,**
	Digital Egypt Builders Initiative, Ministry of Communications 🔗
	In collaboration with Duke University, specializing in machine learning and Data Science.

| Sep 2018 – Jun 2023 Cairo, Egypt | **B.S.E. in Computer Engineering,** Modern Academy (GPA of 3.1 out of 4) **Graduation Project: Smartization and Digitization** |
| | Developed a comprehensive smart attendance system using deep learning, **Computer vision, Raspberry Pi, PHP,** and **Flask**, resulting in an 85% reduction in manual tracking errors. |

PROJECTS

Injaz, To-Do List App using typeScript 🔗
- Frontend for task management
- Backend API for complete task management.

Fabric2Fit, E-commerce App (React native, Node.js, API) 🔗
- An App connects fabric sellers, tailors, and fashion enthusiasts in a seamless way.
- Designed the user interface and implemented backend functionality.

Real-time object detection for cashier-less store, (Python, YOLO, OpenCV) 🔗
- Created a dataset, Achieved an accuracy of **92%**.

Personality prediction and analysis using social media,
(NLP, Machine Learning, Data Scraping, Data Visualization) 🔗
- Infer personality traits based on social media content.
- Actionable insights for targeted marketing.

Credit Card Default Prediction 🔗
- Built prediction models (LR, DT, RF, XGBoost) using scikit-learn, Seaborn, and pandas, with EDA and feature engineering for high accuracy.

Image-Processing with GUI, (OpenCV) 🔗
- Simplifying image processing tasks using GUI.

Online library Database Management
- Designed a relational database schema, and Created SQL queries for insertion, updates, etc.
- Implemented data integrity constraints and normalization techniques.

SKILLS

Development (Python, JavaScript, TypeScript) | **Database** (MySQL, MongoDB)

Machine Learning (NLP, Computer Vision) | **Data Analysis** (Microsoft Excel, power bi)

Data science (Data mining, Data Visualization)

ORGANIZATIONS

GOOGLE DEVELOPER STUDENT CLUB (GDSC), Machine learning team member
Enhanced machine learning education through events, talks, curriculum development, and mentoring for over 100 students.

AWARDS

Samsung hackathon, DEC 2022 🔗
Achieved 2nd place, showcasing Strong problem-solving skills.

Google solution challenge 2023 🔗
Achieved 7th place out of 70 teams, demonstrating the ability to work effectively in a team and to learn quickly

CERTIFICATES

Machine learning specialization 🔗   •   Intermediate SQL 🔗   •   IOT 🔗   •   Embedded system 🔗

DevOps 🔗