YOUSEF ADEL EMAM ZEWYED

Egypt |+201110798697| Yousefzewaid@gmail.com| linkedin.com/in/yousef-zewyed | github.com/Yousefzewyed

Profile

Full-Stack Developer & AI Researcher with a strong foundation in AI, Data Science, and the complete data lifecycle. Experienced in performing data analysis to extract actionable insights and building predictive models using Machine Learning and Deep Learning techniques. Proficient in Python and SQL, with hands-on experience in developing intelligent, scalable web applications and AI-driven solutions to solve real-world problems.

Education

Bachelor's Degree in Computer Science
Faculty of Computers Science, Sinai University   **2023 – Present (Expected 2027)**
GPA: 3.3

Professional Experience

- **Full Stack Web Development Trainee**

Creativa Innovation Hub – Ismailia, Egypt   Jul 2025 – Oct 2025

  - Completed an intensive Full-Stack Web Development training program focused on building scalable, dynamic web applications using the LAMP stack (Linux, Apache, MySQL, PHP).
  - Designed and developed responsive, mobile-first user interfaces using HTML5, CSS3, and Bootstrap, ensuring cross-browser compatibility and optimal user experience.
  - Implemented interactive frontend features and efficient DOM manipulation using modern JavaScript (ES6+).
  - Developed secure and scalable backend systems using PHP and Laravel Framework, applying MVC architecture principles and building RESTful APIs.
  - Designed and managed relational databases using MySQL, including schema design, indexing, and query optimization.
  - Improved application performance by reducing page load time by 40% through frontend optimization techniques (code minification, asset compression, and efficient rendering strategies).
  - Built and integrated RESTful APIs, enhancing system efficiency and backend–frontend communication by 25%.

- **AI & Machine Learning & Data Analytics Trainee**   Nov 2025 – Jul 2026

Digital Egypt Pioneers Initiative (DEPI) | Zagazig, Egypt

- **Selected for a specialized track focused on building scalable AI solutions using Microsoft Azure Cloud technologies.**
- **Leveraged Python libraries (Pandas, NumPy, Scikit-learn) to perform complex Data Analysis, cleaning, and preprocessing on large datasets.**
- **Designed and Deployed Machine Learning models using Azure Machine Learning Studio.**
- **Implemented end-to-end data pipelines: from data ingestion and Feature Engineering to model evaluation and deployment.**
- **Gained practical experience in Cloud Computing fundamentals and AI ethics**

Certifications & Courses

Data Science Essentials | Cisco Networking Academy.   **May 2024**
Full Stack Web Development Diploma (110 H) | Creativa Innovation Hub.   **Jul 2025**
Sprints & Microsoft Web Development (40 H).   **Oct 2025**

Skills

- **Technical skills:**
  - **Programming Languages: Python (Data/AI), PHP (Backend), JavaScript (ES6+), C++, SQL, Java**
  - **Web Development: Laravel Framework, RESTful APIs, HTML5, CSS3, TailwindCSS, Bootstrap.**
  - **Data Science & AI: Machine Learning (Scikit-learn), Data Analysis (Pandas, NumPy), Data Visualization.**
  - **Cloud Computing: Microsoft Azure (AI/ML Services), Cloud Deployment.**
  - **Database Management: MySQL (Relational Schema Design), PostgreSQL, Database schemas**
  - **Tools & Environment: Version control Git, GitHub, Linux (Ubuntu).**
  - **Multimedia & Design: Graphic Design (Adobe apps).**

- **Languages:**
  - **Arabic (Native)**
  - **English (very good)**
  - **French (Good)**

Volunteering

Event Organizer (Orientation Day) | Sinai University   **Sep 2024**

- **Coordinated and organized** the orientation day for over **3,000+ incoming students** across multiple faculties (Computer Science, Engineering, Pharmacy, Dentistry, Physical Therapy, and Mass Communication).
- **Managed** crowd flow and logistics to ensure a seamless experience for students and faculty members.
- **Collaborated** with a cross-functional team of organizers to handle registration, guiding, and informational sessions.
- **Demonstrated** strong communication and problem-solving skills in a high-pressure, large-scale event environment
- **I cooperated with a team of more than 20 from different faculties of the university**