Ranim Moustafa

UI/UX DESIGNER | WEB DEVELOPER | DATA SCIENTIST

Ranimmoustafa63@gmail.com
linkedin.com/in/ranim-badawy-a053a1294
+20 155 355 3977
Alexandria, Egypt

Creative UI/UX designer and web developer with a strong foundation in data science and AI. Experienced in building full-stack applications and designing intuitive, user-friendly interfaces. Passionate about solving real-world problems through clean design, interactive dashboards, and automation tools.

Projects

Animal Rescue App – UI/UX Design
Jul 2025 - Aug 2025

Designed a mobile application for organizing animal rescue volunteers and pet adoption. Created wireframes, high-fidelity prototypes, and interactive components in Figma. Conducted user interviews and developed empathy maps and personas to ensure user needs were addressed.

COVID-19 Data Dashboard
Feb 2025 - Jun 2025

Created an interactive visualization dashboard using Pandas and Matplotlib to display global COVID-19 trends and time-series analysis.

Hospital Management System (Full-Stack)
Sep 2024 - Dec 2024

Developed a complete admin panel with Flask, MySQL, and XAMPP. Included features like user roles, secure login, appointment scheduling, and complaint management with responsive UI.

IMDb Movies Recommendation System
Sep 2024 - Dec 2024

Flask-based movie app with MongoDB backend, supporting search, rating prediction, and personalized suggestions. Features include CRUD operations and interactive data visualizations.

CPU Scheduling Algorithms Simulator
Sep 2024 - Dec 2024

Built an interactive simulation tool in Flask for FCFS, SJF, Round Robin, and Priority scheduling, with real-time performance charts via Plotly.

IoT Smart Home App
Jun 2024 - Aug 2024

Flutter-based mobile app for real-time control of home appliances using ESP32 and Firebase. MQTT protocol used for device communication.

Core Skills

Technical Skills:

1.UI/UX Design : Figma, Wireframing, Prototyping, User Research, Personas, Empathy Maps, Design Systems, Interactive Components, Usability Testing, Mobile-first & Responsive Design

2.Web Development: Frontend: HTML, CSS, JavaScript, Bootstrap, Tailwind CSS, React (beginner), Flutter, Backend: Flask, Firebase, XAMPP, Databases: MySQL, MongoDB

3.Data & AI : Python, SQL, scikit-learn, TensorFlow, NLP, XGBoost, Pandas, NumPy, Matplotlib, OpenAI APIs

4.Visualization: Streamlit, Dash, Plotly, Tableau

5.Tools & Others : Git, Jupyter Notebook, ESP32, MQTT, RTOS

Soft Skills: Problem Solving, UI/UX Thinking, Time Management, Team Collaboration, Fast Learner, Attention to Detail

Education

Alexandria University   Sep 2021 - Present

Bachelor's Degree Computing & Data Sciences
GPA: 3.735

Languages

Arabic *(Native)*, **English** *(Fluent)*, **French** *(Intermediate)*