Ahmed Mansour

New Cairo, Egypt · +20 1012070920 · mr.a.mansour@gmail.com · hellomansour.github.io

Education

The American University in Cairo

Bachelor of Business Administration in Management Information Systems, GPA 3.4 — June 2021

- Relevant Coursework: OOP, Data Structures and Algorithms, Networking, Databases, Languages and Compilers, Software Engineering, Information Systems & Security, Business Analysis, Project Management

Skills

Languages: proficient in Python, C++, HTML, CSS, SQL; familiar with Java, JavaScript
Frameworks: Django, Bootstrap, WordPress
Tools: Git, Sass, R, SAS Analytics, IBM SPSS, Microsoft Access, Excel
Libraries: Matplotlib, Plotly, pytest, Pathlib

Experience

IT Support Specialist

Egyptian Police Academy — Oct. 2021 – Nov. 2022

- Provided basic hardware and software training to police officials as a conscript, ensuring optimal IT functionality
- Maintained system uptime and information security by resolving network issues, system crashes, and malware incidents
- Troubleshot and fixed hardware problems with peripheral devices for improved end-user productivity

Web Administrator Intern

Opatrip Lithuania — Jan. 2021 – July 2021

- Integrated a Bokun booking system on the website's frontend, resulting in the generation of new revenue streams
- Maintained and updated over 200 products on WordPress, providing timely and accurate product information to customers
- Coordinated and delegated technical tasks to interns, facilitating efficient and timely completion of deliverables

IT Business Analyst Intern

TBS, Birds Cage Food Products, Givaudan — Feb. 2019 – June 2021

- Completed various academic projects that offered solutions to workflow challenges faced by local businesses
- Analyzed user requirements and conducted feasibility studies to design and implement scalable relational databases
- Developed high-fidelity web-based prototypes with comprehensive SRS documentation and data dictionaries

Projects

Learning Log | Python, Django, Bootstrap, Git, YAML

- Developed a full-stack application enabling users to track their learning progress on different topics
- Implemented robust user authentication and registration protocols to ensure app security
- Utilized responsive design frameworks to optimize user experience on different devices
- Streamlined the deployment process by using configuration files to push the app onto a server

Top Repositories | GitHub API, Requests, Plotly Express

- Developed a script that retrieves information on the most-starred Python projects on GitHub
- Automated the data collection from the GitHub API and visualized it with Plotly Express
- Provided an interactive bar graph linking to the most popular repositories amongst developers

Global Earthquake Activity | Python, JSON, Plotly Express

- Created an interactive map highlighting the distribution of earthquakes worldwide
- Parsed GeoJson datasets for a clearer understanding of the underlying data structure and its properties
- Refined the visualization to illustrate earthquake severity based on magnitude