

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

- Trained police officials on basic hardware and software functionality while serving as a conscript
- Resolved network issues, system crashes, and malware attacks, maintaining system uptime and security
- Troubleshoot and fixed hardware issues with peripheral devices for optimal end-user productivity

Web Administrator Intern

Opatrip Lithuania

Jan. 2021 – July 2021

- Generated new revenue streams by embedding a Bokun booking system on the website's frontend
- Maintained over 200 WordPress products with accurate and consistent updates, improving website engagement
- Delegated technical tasks to other interns for efficient and timely completion of deliverables

Systems 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
- Conducted feasibility studies, analyzed user requirements, and designed 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 journal app enabling users to track their learning progress on different topics
- Implemented secure user access through Django authentication and registration features
- Utilized Bootstrap's template tags to create a responsive design that adapts to different devices
- Streamlined the deployment process by using YAML 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 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