

# Ahmed S. Mansour

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## Education

### The American University in Cairo

June 2021

Bachelor of Business Administration in Management Information Systems, GPA 3.4

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

## Skills

**Programming:** proficient in Python, C++, HTML, CSS, SQL; familiar with Java, JavaScript

**Frameworks:** Django, Bootstrap, WordPress

**Software:** Git, Sass, R, SAS Analytics, IBM SPSS, Microsoft Access, Excel

**Libraries:** Matplotlib, Plotly, Pytest, Pathlib

**Languages:** English (native), Arabic (native), French (beginner)

## Experience

### IT Support Specialist

Oct. 2021 – Dec. 2022

#### Egyptian Police Academy

- 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
- Troubleshoot and fixed hardware problems with peripheral devices for improved end-user productivity

### Web Administrator Intern

Jan. 2021 – July 2021

#### Opatrip Lithuania

- 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

Feb. 2019 – June 2022

#### TBS, Birds Cage Food Products, Givaudan

- 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, YAM

Jan. 2022

- 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 adapt to different devices for enhanced user experience
- Streamlined the deployment process by using configuration files to push the app onto a server

### Top Repositories | GitHub API, Requests, Plotly Express

Dec. 2022

- 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

Dec. 2022

- 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