

# Ahmed Mansour

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## EDUCATION

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### The American University in Cairo

B.B.A. 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

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**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

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### IT Support Specialist

Egyptian Police Academy

Oct. 2021 – Nov. 2022

- Trained police officials on basic hardware and software functionality while serving as a conscript
- Assisted with network troubleshooting, system crashes, software configurations, and malware removal
- Diagnosed and solved problems with printers, copiers, storage media, and other peripheral devices

### Web Administrator Intern

Opatrip Lithuania

Jan. 2021 – July 2021

- Generated new revenue streams by embedding a Bókun booking system on the website's frontend
- Maintained upkeep of over 200 products on WordPress, keeping customers up to date on product details
- Elected to supervise and delegate interns in performing basic overhead tasks

### Systems Analyst Intern

TBS, Birds Cage Food Products, Givaudan

Feb. 2019 – June 2021

- Undertook a variety of academic projects investigating workflow problems pertaining to local businesses
- Conducted feasibility studies, carried out requirements analyses, and designed relational databases
- Developed high-fidelity web-based prototypes with SRS documentation and data dictionaries

## PROJECTS

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

- Developed a full-stack journal system that lets users keep track of information learnt on different topics
- Implemented a Django authentication and registration system for secure user access
- Utilized Bootstrap's template tags to style responsive web pages for all devices
- Wrote YAML configuration files to deploy the app onto a web server

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

- Pulled Github API data to explore the most-starred Python projects on GitHub
- Processed API calls using the Requests library in order to retrieve selected information
- Made an interactive graph that returns information on the current top 30 repositories

### Global Earthquake Activity | Python, JSON, Plotly Express

- Generated a map visualization of global earthquake activity using the Plotly Express library
- Parsed GeoJson earthquake datasets using the Json module
- Refined the visualization to illustrate earthquake severity based on magnitude