ISLAM ABDELFATTAH

islam_9t9@yahoo.com | +201127747742 | LinkedIn | GitHub | Portfolio

Experience

Tqniat Lab — *Egypt*
Junior Backend Developer — *April 2022 – Present*

- Worked on the development and release of a travel and hotel booking platform for the MENA region.
- Developing and maintaining microservices using Python FastApi.
- Successful integrations with multiple flights and hotel suppliers.
- Updated and maintained existing API functions.
- Queried and improved query performance using SQLAlchemy and Redis.
- Fixed bugs which affect the web application.
- Followed certifications of third-party APIs to have smooth and complete integrations.
- Created and executed unit tests

Tqniat Lab — *Egypt*
Backend Developer Intern — *Jan 2022 – April 2022*

Ahram Security Group — *Egypt*
Software Engineer Intern — *July 2021 – Sept 2021*

- Developed Ahram Slitting Software using C# and WPF
- Developed an algorithm which resulted in reaching an optimal minimal waste of slicing steel sheets depending on user inputs
- Automated the manual process of combining products to reach the optimal minimal waste
- Worked closely with the planning team to satisfy their requirements

Extra Cleaning Services — *United Arab Emirates*
Frontend Developer Intern — *June 2018 – Sept 2018*

- Redesigned existing webpages leading to improved navigation and enhanced visuals
- Styled pages using CSS and developed new features using JavaScript
- Tested website and performed troubleshooting prior to deployment

Skills

Languages: Python, JavaScript, C#, HTML, CSS, Java, C++
Frameworks/Libraries:

- Python: Flask, Django, FastApi, Pandas, Numpy, Matplotlib
- JavaScript: Node, Express, jQuery, Ajax
- C#: WPF

Databases: PostgreSQL, MongoDB, ORM, Redis
Others: Docker, AWS

Education

Moscow Institute of Physics and Technology — *Moscow, Russia*
Bachelor's of Computer Science and Applied Mathematics — *2018-2022*
GPA: 4.64/5.00

Projects

Group chatting web application - BeeXtrovert
Sept 2021 – Jan 2022

- Utilized Node, Express and Mongoose to build a web application for people in the same geographical area with the same interests to chat with each other and organize meetups
- Used Socket.io to implement chat features in the application
- Built frontend using JS, HTML and CSS

Art Sharing Platform - [Museum of Ordinary Artists](#)
Sept 2020 – Jan 2021
- Built an art sharing website with Python Flask, SQLAlchemy, PostgreSQL, AWS(S3), Docker and Heroku
- Developed the frontend using JS, HTML and CSS
- Allowed users to perform CRUD operations. Admin can view and delete public posts