

ISLAM ABDELFATTAH

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Education

Moscow Institute of Physics and Technology

Bachelor's of Computer Science and Applied Mathematics

GPA: 4.64/5.00

Moscow, Russia

2018-2022

Experience

Tqniat Lab

Junior Backend Developer

Egypt

April 2022 – Present

Tqniat Lab

Backend Developer Intern

Egypt

Jan 2022 – April 2022

- Worked on the development and release of a travel and hotel booking platform for the MENA region
- Integrated multiple third-party providers APIs using Python FastApi
- Updated and maintained existing API functions
- Created and executed unit tests

Ahram Security Group

Software Engineer Intern

Egypt

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

Frontend Developer Intern

United Arab Emirates

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

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