

Mohammed Ibrahim GabAllah
Gamaia St. Mansouri, Imbaba, Giza

01145916604

mohammedibrahimgaballah@gmail.com

<http://mohammedibrahimgaballah.pythonanywhere.com/>

- Personal Profile
 - I am a 2nd-year computer Engineering student at the university of Cairo faculty of engineering.
 - my score at college ranges between B+ and A- due to the fact that I care a lot about working practically more than I care about getting high scores.
- Education
 - 2nd Year computer Department at Cairo University Faculty of Engineering
 - Good C# windows.
 - Good C++ knowledge.
 - Good typescript knowledge.
 - Good JavaScript knowledge.
 - Good python programming skills also good at using data science modules (numpy, matplotlib, pandas...etc).
 - Experience working with kali linux operating system.
 - Experience working with bash, powershell.
 - Experience working with sql, mysql, sqllite, mongodb databases.
 - Experience at developing automation scripts using python.
 - Good knowledge about the designed patterns(MVC, adapter, decorator, Etc)
 - Good experience working with compression algorithms like ppm, Huffman, LZW, LZSS, LZ77, and others.
 - Very good English speaker and presenter (finished the 10th level out of 15 at not courses Egypt English center as the top student of the level with more than 90% grade it is worth saying that I was doing the course with engineers who are older than me and other people who worked as HRs).
 - I have been using GitHub for more than 2-years for projects.
- Work experience
 - I have taken part in a small business with a family member to assemble security systems for small companies
 - I have worked in the social media advertising for this previous business.
 - I had good experience with digital social marketing
 - Good graphical design skills using adobe photoshop and illustrator.
- Additional skills and Interests
 - Interested in reading books about networking and IOT.
 - Interested in the robotics field
 - Interested in reading books especially ones with lots of photos and practical useful information

- I also read books about artificial intelligence using python.

- Some Projects I did (some are academic and others in courses in summer or for personal usage)
 - Designed a portfolio dynamic website using Django-framework. (a link to the hosted website in the appendix)
 - Designed a product-hunt dynamic website as a mimic of a famous product hunt website
 - Worked with other colleagues of mine to develop 3D game using WebGL and typescript my rule at the project was to gather 3D models and design the game logic, class diagram and write the 1st version of the class so that other members could continue after me besides I was the team leader of the project.
 - Designed a static website for a fun fare business compatible with all devices like mobiles and pcs
 - Designed a lot of pc programs
 - AC circuit solver
 - Paint for kids program using C++
 - A console game using 8086-assembly language that is being played over 2 different computers communicating using RS232 interface.
 - Computer Directory organizer program written in C#
 - Worked with computer sound system using FMOD library and designed a complete program sound system(module) for a paint for kids program that included sound interaction with each action the kid does.
 - The longest software project (Symphonia backend you will find on my GitHub profile)
 - I took part in a backend team of 4 members in a bigger team of 36 members (including teams for backend, e2e testing, android and front-end development) working on a project the mimics Spotify application.
 - My rule in that project was to implement around 30 endpoints for the 1st version of the API this included writing documentation, unit testing, and implementing. I had also another rule (that I assigned to myself) to design utility function for the team to ease the development process and increase the productivity of the team. The utility functions I had to develop included a global handler for handling the image retrieval and storage from the user's request.
 - The knowledge I gained from project:

- Learn about and Apply rest-api concepts
- Working with no-sql database mongodb
- Learn about and applying unit testing using jest package.
- Writing api documentation for the endpoints using Postman program.
- Writing inline documentation for utility functions.
- Working with JavaScript and getting to know about its bells and whistles.
- Working under stress and trying to stick to the deadlines
- Collaborating with other colleagues and being able to work remotely from home using github for code sharing and discord for weekly meetings.

- Appendix

- My portfolio website

- “<http://mohammedibrahimgaballah.pythonanywhere.com/>”

- My github account “<https://github.com/marait123>”