

YOUSSEF GAAFAR

Computer Engineer

PROFESSIONAL EXPERIENCE

Graduation Project (ScanMate), 09/2022 to 06/2023
Faculty of Engineering - Cairo University - Giza, Egypt

- **Photogrammetry:** Close-range 3D reconstruction from 2D images.
- Successfully completed the project with a grade of A.
- Developed a robust and accurate pipeline to reconstruct 3D models from 2D images (Without the use of AI).
- Helped in deploying our photogrammetry pipeline with our mobile application.
- Presented the project findings to a panel of experts

IBM CIC Summer Internship 2022, 08/2022 to 09/2022
IBM Smart Village – Smart Village B144 – Giza, Egypt

- Reported back to instructor to receive day-to-day tasks and responsibilities.
- Attended daily Stand-Up meetings and weekly Retrospective meetings.
- Worked on Nike’s IBM Co-Operation project as an API tester.
- Learned several testing techniques: Automation testing (PyCharm), Data testing (JMeter), Manual testing (Excel sheets).
- Achieved IBM Agile Explorer badge.

Junior Software Testing Engineer, 02/2021 to 06/2021
Software Engineering Course - CMPN203 - Giza, Egypt

- Designed testing scenarios for usability testing.
- Reviewed requirements, specifications, and technical design documents to provide timely and meaningful feedback.
- Identified and tracked defects with Appium, Selenium and supported developers in resolving problems by completing additional tests.
- Debugged code and located root causes of problems by using Java (Eclipse) which helped in reviewing configuration files and logs.

EDUCATION

Bachelor of Science, Computer Engineering, 09/2023
Faculty of Engineering, Cairo University - Giza

High School Diploma, 06/2017
Al-Waha International School (American Division) - Giza

LANGUAGES

Arabic: Native language

English: C1
Advanced

CONTACT

Address: Giza, Egypt 12515
Phone: +201094470535
Email: yousfjaafer@gmail.com
LinkedIn: [Youssef Gaafar](#)
GitHub: [Youssef Gaafar](#)

SKILLS

- Strong Problem Solver
- Manual Testing
- Automation Testing
- Data Testing
- Time Management
- Data Structures and Algorithms
- Object-Oriented Programming (OOP)
- Structured Query Language (SQL)
- Database Management Software
- Test Strategies and Coverages
- Software Development Standards
- Big data Analyzation
- Programming Languages: Python, C, C#, C++, Java