

Youssef Farag Rashad

Software Engineer

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EDUCATION

UNIVERSITY

Faculty of Computers & Artificial Intelligence, SWE Department in Helwan University.
Cummulative GPA: 3.74/4.0 with A+ appreciation.

Army

The final exemption from the army.

Certificate of achievement ►

- Successfully completed Build NodeJS applications with Mongoddb on Udemy in 2020.
- Successfully completed Getting started as a freelancer (Upwork) on ITI Platform in 2020.
- Successfully completed Freelancing Basics on ITI Platform in 2020.
- Third Rank - Second Level 18/19.
- Successfully completed Object Oriented Programming using Java on Udemy in 2018.
- Successfully completed Linux with Ubuntu and CentOS on Udemy in 2018.
- Successfully completed Ubuntu Linux on Udemy in 2018.
- Excellent Achievement in Advanced C Language from SWE Program, Egypt in 2017.

EXPERIENCE

IOT training from ITI, Aug 2019.

- I have passed IOT 2019 Mastery Award exam.

Artificial intelligence analyst training from IBM Acadamic, Egypt Aug 2019

- I have passed AI Analyst 2019 Mastery Award exam.

Algorithms Summer Training from SWE Program in Helwan University, Egypt Jan2019 - Mar2019.

- Attended 3 months Competitive-Programming-based training held by ICPC Helwan Student Chapter.
- It included Couple of famous DS used in Competitive, Algorithms over Graphs, DP, Bit manipulation, Number Theory, Computational Geometry, and Search Techniques.

Completing iCamp'18 training,Electro Mechanical track from iHup in 2018.

Small Programmer for (Suzan Mobarak) in Scientific Research bulding, Egypt Nov2010 - Jan2011.

- I had The 1st in the Participant in Jan2011 Project Title: World Zoo.

PROJECTS

DWH Decisions Making Report

Cryptography and Network Security Project

Restaurant Project Using (HTML, CSS, HTML 5, CSS 3, JS, Bootstrap4, Angular), Collective work.

Library Management System Desktop App using Java SE.

- I had The 1st from SWE Program in Academic Year 2018/2019.

Training Center System Desktop App using Java SE.

Fashion Store Management System Desktop App using Java.

Train Ticket Reservation System Desktop App using Java SE.

Scheduling Algorithms Priority Desktop App using Java SE.

Chat Application Desktop App using Java SE.

Electricity Billing System Desktop App using Java SE.

- I had The 1st from SWE Program in Academic Year 2017/2018.

Future-Tech Using (HTML, CSS, HTML 5, CSS 3, JS), Collective work

- I had The 1st from SWE Program in Academic Year 2017/2018.

Student's Affairs Console App using C.

- I had The 1st from SWE Program in Academic Year 2017/2018.

Market Console App using C.

- I had The 1st from SWE Program in Academic Year 2017/2018.

SKILLS

Programming: Main (Java, C/C++, Python, JS) & Very Good knowledge of many OOP concepts, Design Patterns, Data Structures, Analysis and Design of Algorithms.

Web Development: Front End:(HTML, CSS, Bootstrap4, Angular, AJAX, JSON), Back End:(NodeJS, ExpressJS).

Database: SQL, PL/SQL, MongoDB.

Data Structures and Algorithms: Solved +300 programming problems on different online judges.

Frameworks: Java Swing, JavaFx.

Tools: Git and GitHub, Code Blocks, Netbeans, Visual Studio, VS Code, JetBrains PyCharm, Oracle Developement and Power BI Desktop.

Others: Linux and Windows user.

Soft Skills: Presentation skills, Leadership, Team work, and Ability to self-learn.

ACTIVITES

Volunteer Work

- Technical Vice President at Microsoft Student Partner-Helwan University at Microsoft Egypt from Aug 2019 to Present.
- Lecturer: Java SE Course in MSPs at Microsoft Egypt from Apr 2019 to June 2019.
- PR mebmer at Microsoft Student Partner-Helwan University at Microsoft Egypt from Feb 2019 to Aug 2019.
- ICPC FCI-Helwan Community from Oct 2018 to Present.
- Project Manager at Ain Shams IHup in 2018, Projects Title: Metal Detector & Vechile Robot.
- Technical mebmer at Microsoft Student Partner-Helwan University at Microsoft Egypt from Apr 2018 to Aug 2019.