Ahmed Khfagy

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Education

Ain Shams University University, Cairo, EG
Bachelor of Computer Science, Bioinformatics, May 2020
GPA: 3.657 out of 4.0

Certificates

- Deep Learning by deeplearning.ai on Coursera. Certificate earned on May 3, 2020.
- Machine Learning by the University of Washington on Coursera. Certificate earned on July 3, 2020.
- Exploratory Data Analysis with MATLAB by MathWorks on Coursera, Certificate earned on July 8, 2020.
- Data Processing and Feature Engineering with MATLAB by MathWorks on Coursera, Certificate earned on July 8, 2020.
- Algorithmic Toolbox by University of California San Diego on Coursera, Certificate earned on April 17, 2020.
- Data Structures by University of California San Diego on Coursera, Certificate earned on June 23, 2020.
- Algorithms on Graphs by University of California San Diego on Coursera, Certificate earned on June 29, 2020.
- Algorithms on Strings by University of California San Diego on Coursera, Certificate earned on August 17, 2020.

Projects

- Children Chemical Reactions Game (Second year OOP project), using Java
- Sudoku Solver (Second-Year Data Structures project), Implements a sudoku solver using C++
- Android Car controller (IHub's IChallenge electromechanical competition app), is an android application that controls an Arduino car.
- Breakout, implemented using LOVE2D game engine using Lua as part of CS50 introduction to game development course.
- Flappy birds, implemented using LOVE2D game engine using Lua as part of CS50 introduction to game development course.

Skills

- Programs: Git, TensorFlow, TuriCreate, Anaconda, Arduino, Android studio, WordPress
- Languages: C++, MATLAB, R, Python, Java, HTML
- Concepts: Problem-Solving, OOP, Data Structures, Algorithms, Machine Learning, Deep Learning

Extracurriculars and Leadership

- acmASCIS student activity part of acm.org, Ain Shams University - Competitive programming mentor.Sep 2019 - Present

Honours and Awards

- **26th** place in The 2019 FCIAin-Shams Collegiate Programming Contest out of 50+ teams.
- **3rd** place in Ihub's IChalenge electromechanical.
- **Top 15** best project in SP top project competition out of 150+ projects.
- **20th** place in acmASCIS Level 1 contest 2019 out of 100 individuals.
- **2052** rank worldwide out of **10742** teams in Google Hash Code 2020.

- **6th** place in Data Structures competition.