

# 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

- Data Structures and Algorithms by University of California San Diego & National Research University Higher School of Economics on Coursera. Certificate earned at October 9, 2020
- 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.
- Learning How to Learn: Powerful mental tools to help you master tough subjects (with Honors) by McMaster University & University of California San Diego on Coursera, Certificate earned on October 6, 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.

## Projects

- Online Shopping Android Application, it is an android application that was done as the graduation project of Android Development Workshop offered from Clicks Egypt Company.
- 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.

## Skills

- Programs: Git, TensorFlow, TuriCreate, Anaconda, Arduino, Android studio, WordPress
- Languages: C++, MATLAB, R, Python, Java, HTML, Julia
- 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 FCI Ain-Shams Collegiate Programming Contest out of 50+ teams.
- **3rd** place in Ihub's IChallenge 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.