

# Hassan Elseoudy

<https://hassan-elseoudy.github.io/>  
[hassan.elseoudy@gmail.com](mailto:hassan.elseoudy@gmail.com) | +201550113982

## EDUCATION

### ALEXANDRIA UNIVERSITY

BACHELOR IN COMPUTER

COMMUNICATION ENGINEERING

Expected July 2020 | Alexandria, Egypt

Cum. GPA: 3.3

## INTERESTS

### Application Development

I built +20 GUI applications.

### Web Development

I built +10 Websites for individuals and commercial use.

### Artificial Intelligence

I used python to build + 10 Machine Learning - based Apps.

### Competitive Programming

I participated in +20 competitive programming rounds.

## COURSES

### UNDERGRADUATE

Pattern Recognition

Operating Systems

Artificial Intelligence

OOP

Algorithms

Compilers

## SKILLS

### PROGRAMMING

Over 10000 lines:

Java • C • Python •

Over 1000 lines:

C++ • C • JavaScript •

MATLAB • HTML • CSS • Arduino •

Familiar:

SQL • Assembly •

## LINKS

Github:// [Hassan-Elseoudy](#)

LinkedIn:// [hassanel-seoudy](#)

Facebook:// [Hassan.A.Elseoudy](#)

Codeforces:// [hassanzamalek97](#)

## EXPERIENCE

### ROBO-TECH | SOFTWARE ENGINEER

Aug 2018 – Present | Alexandria, Egypt

- I'm responsible for developing a stable communication system for the ROV and building an GUI application to control the ROV.

## PROJECTS

### AQUA-TECH | HTML/CSS/JS + PYTHON

April 2019 – Jun 2019

Aqua-Tech aims to utilize Microsoft Azure AI platform to classify aquatic species.

Project | Documentation

### MRNET CLASSIFICATION | PYTHON - KERAS

May 2019 – Jun 2019

Classify exams using Deep CNN Models and illustrate how different views help in MRI classification.

### SOCIAL NETWORK | SQL + HTML + CSS + JS

May 2019 – Jun 2019

Simple implementation for a social network website.

### (TASK 6) SEMEVAL | PYTHON - SCIKIT-LEARN

Dec 2018 – Feb 2019

Reading tweets and detect if it contain any offensive Language or profanity.

### RISK GAME | JAVA

May 2019 – Jun 2019

Risk is a strategy board game of diplomacy. Concepts are implemented using AI Algorithms (A\* Search, Minimax Algorithms) (Computer vs Human).

### 8-PUZZLE SOLVER | PYTHON

May 2019 – Jun 2019

This application allows you to view a representation of a range of different graph search algorithms, whilst solving your choice of 8-puzzle problems.

### PIXEL ART MAKER | HTML + CSS + JS

Jan 2018 – Feb 2018

This is a simple online pixel art editor to help you make pixel art easily. **Project**

### CIRCUS OF PLATES | JAVA

Apr 2017 – May 2017

A game of clown that can gain points through holding dropping plates.

## AWARDS

|      |                       |   |
|------|-----------------------|---|
| 2019 | 8/25                  | MATE International competition, USA                     |
| 2019 | 2 <sup>nd</sup> place | MATE Regional competition 2019, EGYPT                   |
| 2018 | 2 <sup>nd</sup> /30   | Google Hash Code Qualification Round, Alexandria, Egypt |
| 2018 | FINALIST              | Egyptian Collegiate Programming Contest                 |

## SOCIETIES/CIVIL WORK

|           |               |                                |
|-----------|---------------|--------------------------------|
| 2016-2018 | Head of Media | SSP Society                    |
| 2018-2019 | Chairman      | ACM Alexandria Student Chapter |