

# Ahmed Amein Rslan

Computer Engineering Student

## ADDRESS

Tanta City, Egypt

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- djangodissilent

## EDUCATION

Tanta University (September 2017 - August 2022)  
BSc Computer Engineering

**Relevant Courses:** Data Structures, Algorithms Design and analyses, Linear Algebra, Compilers, Artificial Intelligence, Machine Learning, Computer Architecture, Object Oriented Design  
**Technical Skills:** Python (4 yrs), C (4 yrs), C++ (4 yrs), JavaScript(3 yrs), C#(1) ,x86 Assembly (2 yr) Django, Git, TensorFlow, Keras, Flask, x86 MP, Arduino, OpenGL, MATLAB, SQL

## CERTIFICATIONS

BANQUE MISR (September 2020 - October 2020)  
INTERN

Intern at the Bank's Entrepreneurship Program.

Harvard CS50X (July 2019 - September 2019)  
Trainee

Completed Introduction to Computer Science given at Harvard university remotely.

HARVARD CS50WEBX (July 2020 - November 2020)  
Full Stack DEV

Completed the Remote course given at Harvard university and completed the course Capstone and received the course completion certificate

## OPEN SOURCE PROJECTS

BROKER - Stock Trading App  
<https://github.com/djangodissilent/Broker>

- Designed and fully implemented a Full-Stack **Stocks Trading** Responsive web application built with the **python Django** Framework and chartJS that allows near real-time stock quoting and trading leveraging the IEX API
- The App also provides the user with a rich a **graphical** interface and a history of user performance as well as company information and summary

DeepBeats  
<https://github.com/djangodissilent/DeepBeats>

- Developed Recurrent Neural Network (**RNN**) with Python that **trains** on a **Dataset** of folk music and generates **completely new music**
- Tuned** the network hyperparameters, and modified the network dropout to minimize overfitting
- After the Tuning the networked was able to reach **94.6%** on the test dataset

HSHELL  
<https://github.com/djangodissilent/shell>

- Designed and implemented an **Extensible** and Customizable **Unix** based system shell written in **C** that offers a simpler version of mainstream shells such as **bash**
- It Supports: **Background Execution, Command Redirection, Piping** [Process Communication]

## EXTRACURRICULAR ACTIVITIES AND AWARDS

ACPC (October 2020)  
ACM

- participate in the **ACPC** kickstart competition **2020** and **2021**
- The contest hosted a strong contenders from all over Africa and the Middle East

Chess Champion (December 2020)  
Faculty Of Engineering

Won the faculty chess championship and qualified to the College Tournament.

## ABOUT ME

A creative, driven and goal oriented software engineering student with a solid computer science fundamentals, Analytical skills and passion for learning.

## HOBBIES

Chess  
Reading