HASSAN EL-SEOUDY

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A Computer and Communication Engineering Student

Summary

Trying to learn some new techs, seeks for the best in programming and software fields.

Interestes

Software Development

Building console / GUIprograms using (Java,JavaFX,Swing)

Web Development

Building some websites using (HTML,CSS and JS)

Programming

Learning competitive programming.

AI/ML

Using Python to build (based on ML) Apps.

Tools & Technologies

- C (★★★☆☆)
- C++ (★★☆☆☆)
- C# (★★☆☆☆)
- JAVA (★★★★☆)
- Python (★★★☆☆)
- MySQL (★★☆☆☆)
- HTML (★★★☆☆)
- Cascading Style Sheets (CSS)(★★★☆☆)
- JSF (★★☆☆☆)
- Javascript (★★☆☆☆)
- Arduino (★★☆☆☆)
- Matlab (★★☆☆☆)
- Git (★★★☆☆)
- GitHub (★★★☆☆)
- Ubuntu(★★☆☆☆)
- Regex (★★☆☆☆)

Interpersonal Skills

- Problem Solving.
- Working under pressure (if needed).
- Team working.
- Decision making.

Education

2012 - 2015

HighScool

Safwa Language School

(Majored in Mathematics) 96.7%

2015 - 2020

Courses in Computer & Communication Engineering

University of Alexadnria - Faculty of Engineering

GPA (3.25)

Volunteering Involvement

- **Head of Media and Marketing** – SSP Society (Former)
- **Activities member** – Alexandria ACM Student Chapter (Former)
- **Head of planning** - Alexandria ACM Student Chapter (Former)
- **Media member** - SSP Society. (Former)
- **Chairman** - Alexandria ACM Student Chapter.

Activities & Hobbies

- Searching.
- Gaming.
- Designing.
- Football.

Projects

- Circus Of Plates (JAVA)
  A game of clown that can hold dropping dishes of different colors on both his hands, each time clown collects 3 dishes of same color they disappear from stack and player earns a point, player loses when 15 dishes are stacked on a single hand. Game "levels up" to harder level involving faster dishes of more colors each time player gets 5 points, user can pause or save the game to reload it later.
- DBMS (Database management system) (JAVA)
  A db management system that executes SQL's main 5 queries (Create, Drop, Select, Insert, Delete) and save data tables into XML files as well as create their schemes for validation, the project also encapsulates Oracle's JDBCS functions to wrap results into object(s) with the class as Table name and attributes represent columns of table.
- Vector Based Drawing Application (Java)
  Developed a project with most of the MS paint features (draw, color, move, copy, edit, undo, redo, delete) in addition to dynamic class loading to add new shapes.
- Simple Interpreter (C)
  Program to read in, verify and calculate mathematical equations and assign them to a variable that can also be used in later calculations, if any error whether an undeclared/assigned variable or in equation format the user is notified their command did not execute and mentions the error.
- Pixel Art Maker (Website)
  This is a simple online pixel art editor to help you make pixel art easily. *Pixel Art Maker* (PAM) is designed for beginners, and pros who just want to whip something up and share it with friends. If you like making pixel art, and need an online drawing app like this, then hopefully it lives up to your expectations.

Continue

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