Mahmoud Hamdy

Developer & Student

Cairo, Egypt
mahmoud-mahgoub1@hotmail.com

EDUCATION

Ain Shams University, Faculty of Engineering

2020 - Present
Cumulative GPA: 3.42

SKILLS

- Python - *Proficient*
  Machine learning, Django.
- HTML/CSS/JS - *Proficient*
  Front-end web development.
- C++ - *Competent*
  Arduino & robotics.
- SQL - *Advanced Beginner*
  Database management.
- NodeJs/React/Angular *Advanced Beginner*
  Full-stack web development.

EXPERIENCE & PROJECTS

Python

- Face validation AI project which uses PCA to compare an input image to a dataset of stored images.
- Sudoku Solver that can solve a puzzle of any difficulty using backtracking in under 1 second.
- Automatic email sender that attaches files and sends them to a default email address with one click.

Web Development

- [My portfolio website.](#)
- Maintaining and upgrading my current [student activity website.](#)

C++/Arduino

- Built an Arduino robot car with self-driving and obstacle-avoiding capability
- Designed an android app to control the car with bluetooth using MIT App Inventor

SQL

- Completed 'Using Databases with Python' course from University of Michigan on Coursera