

Personal info

+201203025003
salahabdou99@gmail.com
Alexandria, Egypt (Open to relocation)

Links

Website
Github

Military Service

Completed

Certifications

Deep Learning Specialization

Coursera

Cybersecurity Fundamentals

Palo Alto Networks

Sensor Fusion Nano-degree

Udacity

Cloud Foundations Training

AWS Academy

Languages

English

Arabic

Salaheldin Ashraf Abdou

Fresher Software Engineer

Education

Faculty of Engineering SSP - Alexandria University

(BSc - Computer and Communication Engineering) 2017-2022

Alexandria Language School

(IGCSE HighSchool Diploma) 2014-2017

Internships

Software Development Trainee, HDBC

July 2019-September 2019

- Introduction to Agile process management
- Introduction to web development
- Introduction to database management

Projects

Bus trip reservation app and FruitNinja/RiverCrosser games

Tools: *Java, JavaFX*

- Implementing Object Oriented Programming and Design pattern principles
- Introduction to handling animations and game loops

Data Structures, Algorithms and Operating systems

Tools: *C, C++, Java, Ubuntu and linux-based solutions*

- Implementing paging and replacement algorithms
- Implementing disk scheduling algorithms
- Implementing multithreaded matrix multiplication and sorting
- Variety of popular algorithms and datastructures implementation. Ex: trees, huffman coding, shortest path, etc.

Full Stack Web Development (Projects on GitHub)

Tools: *HTML, CSS, Java, JavaScript, Python's Flask, ReactJs and next, Go's Gin, Node.js Express, mySQL, mongoDB*

- Login Page and User authentication and authorization (token and/or session based)
- Database connectivity with relational and non-relational databases
- Building REST APIs with cross-origin support
- Implementing socket communication using socketIO

Machine Learning

Tools: *Python - TensorFlow, Keras, scikit-learn, NumPy*

- Creating and Training different CNN models for image classification and image segmentation and comparing result with ready model and reinforcement learning
- Sensor Fusion and using ready-made models for Object detection and classification