

# Seif Sallam

## Graduate

A Postgraduate that's willing to learn and achieve great things

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## EDUCATION

### Computer Science Cairo University

08/2018 - 08/2022

GPA of 3.06

#### Courses

- Red Hat Openshift I: Containers & Kubernetes 4.5
- Red Hat Application Development I: Programming in Java EE 7.0
- Web Engineering
- Object Oriented Programming
- Artificial Intelligence
- Datastructures
- Database Systems
- Algorithms Analysis & Design

## PERSONAL PROJECTS

### Todo List Application

- The application was created using MEAN (MongoDB, Express, Angular and Nodejs).
- The application allowed the users to create accounts, add tasks and remove tasks from their list.
- The application was deployed on Openshift in separate pods as it was partitioned into 3 independent parts.

### Fantasy Premier League Application

- The application was created using Java.
- Files were used to store the data of the accounts, the players and the teams, and were edited using java file manipulation.
- The application allowed the users to create accounts, create teams, add players and remove them from the teams.

### Image Classification using Neural Network

- The application was created using Java.
- The application was used to classify photos of cats and dogs after learning from a huge set of data using a neural network.

### Social Media Application

- The application was created using MERN (MongoDB, Express, React and Nodejs) and some Redux.
- The application allows the users to register accounts, create posts, upload images and comment on posts.

### FRAME (Graduation Project)

- FRAME is a domain specific language that focuses on media file editing (Videos, Images and Audio).
- BNF Grammar was designed to provide action rules, so that the commands that the user writes in plain English text are translated into actual commands.
- The language was created using ANTLR4 in C++ and BNF Grammar.

### Hotel Booking Application

- The application was created using HTML and CSS for frontend and PHP for backend.
- The application uses MySQL in the database.
- The application allows the users to register accounts, book rooms and cancel booked rooms.

## SKILLS

Enterprise Java Bean (EJB)

Java EE

MERN Stack

MEAN Stack

PHP

C++

Java

Javascript

HTML

CSS

Web Development

Python

MySQL

OOP

## ACHIEVEMENTS

### ISTQB Software Tester Exam

Scored 81% on the ISTQB Foundation level software tester exam.

## CERTIFICATES

Red Hat Application Development I: Programming in Java EE (AD183) (03/2021 - 06/2021)

ISTQB Foundation Level Software Tester (07/2022 - 08/2022)

## LANGUAGES

English

Full Professional Proficiency

French

Limited Working Proficiency

Arabic

Full Professional Proficiency

## INTERESTS

Chess

Problem Solving

Video Games