

## IN FORMATIONS

Name:// **Ahmed Aboukoura**  
 Email:// **asa165@scarletmail.rutgers.edu**  
 Phone Number:// **646-897-1638**

## LINKS

Personal Profile:// **Ahmedkoura**  
 Github:// **ahmedaboukoura**  
 Bitbucket:// **ahmedkoura1992**  
 LinkedIn:// **ahmed-aboukoura**  
 Twitter:// **@ahmedkoura1993**

## EDUCATION

### **RUTGERS UNIVERSITY**

**B.S IN COMPUTER SCIENCE**

May 2021 | New Brunswick, NJ

### **PHAROS UNIVERSITY**

**DDS IN DENTISTRY**

Sep 2011 - June 2015

Not Complete

### **ALEXANDRIA INTER. SCHOOL**

**HIGH SCHOOL DIPLOMA-IGCSE,**

**CAMBRIDGE UNIVERSITY, UK**

May 2011| Alexandria, Egypt

AL-Courses: Math , Biology

## COURSEWORK

### **UNDERGRADUATE**

Introduction To Computer Science

Data Structures

Introduction To Artificial Intelligence

Computer Architecture

Principles of Data Management

Software Methodology

Software Engineering

Intro to Data Science

Discrete Structures

### **HIGH SCHOOL**

A-L Math

A-L Biology

O.L Information-Technology

O.L Math, Physics

O.L Business, English, Literature

## SKILLS

### **PROGRAMMING**

Over 5000 lines:

Java • python • C • JavaScript

Over 1000 lines:

Python • MySql • Android • Andriod

Familiar:

Assembly • NoSql • IOS • MySQL • Shell

## EXPERIENCE

### **RUTGERS UNIVERSITY | HACKRU MENTOR**

Fall 2021 | New Brunswick, NJ

- HackRU is a 24 hour Bi-Annually Hackathon, that attracts on average 600 Hacker, that gets divided into a teams of 5-6 Hackers, competing to win prizes of more than \$10,000.
- My role as a mentor was to speed up the Teams development phases, by solving any programming challenges arises with them.

### **RUTGERS UNIVERSITY | RECITATION TEACHER FOR COURSE "CS 101"**

Fall 2020 | New Brunswick, NJ

My role was to re-teach the concepts that the student found difficult.

- solve projects, and assignments with them, as well as giving them quizzes at the end of each recitation.
- Work closely with my professor Ana Paula Centeno to help the students engage in the class.
- This class was basically a core, and intermediate java language class, in which it cover many topics of the java language including the concepts of object orientation.

### **BRUTEFORCESOLUTIONS | SOFTWARE QA BOOTCAMP**

Summer 2018 | New York, NY

- Learning the science, and the fundamentals of software quality assurance.
- Learning to create Test cases from the requirement.
- Learning to use selenium to create automated test cases. to use tools like TET-NG, and create resports by extended reports.

## PROJECTS

please check out my website for More, as excised as Bellow's project .

### **RAILWAY BOOKING SYSTEM | SCHOOL PROJECT**

Spring 2020

Created a Total online Railway booking System that do the following:-

- Search for the train schedules by origin, destination, and date of travel.
  - Make a reservation for the resulted search.
  - Create schedules as an admin
  - Check reservations and chat with customer Representative as an customer
- I used this technologies:-
- Database design:- Created schema, tables, and then wrote all queries that the Website needs.
  - Backend development: MySQL, AWS, Java, JDBC, JSP.
  - Frontend development: HTML, JavaScript, CSS.

### **ANDRIOD PHOTOALBUM APP | SCHOOL PROJECT**

Fall 2020

Created an Andriod app that do the following:-

- Login, then open photo Albums
- Delete, Create, Photo Albums.
- Add,Delete Photos in An Album as well as Moving them between Albums.

### **CACHE SIMULATION APP | SCHOOL PROJECT**

Spring 2020

This a cache Simulation App written in C.

- it simulate Memory read
- Calculate the number of caches reads, writes,hits, misses
- that's with prefetching, and without prefetching

### **FACE AND DIGIT CLASSIFICATION APP | SCHOOL PROJECT**

Summer 2020

- Designed naive Bayes classifier and a perception classifier.
- Tested the classifier on two Data sets , handwritten numbers, and face images