

# Ahmed Aboukoura

ahmedaboukoura.me | linkedin.com/ahmed  
646.897.1638 | asa165@scarletmail.rutgers.edu

## 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

## LINKS

Personal Profile:// [Ahmedkoura](#)  
Github:// [ahmedaboukoura](#)  
Bitbucket:// [ahmedkoura1992](#)  
LinkedIn:// [ahmed-aboukoura](#)  
Twitter:// [@ahmedkoura1993](#)

## 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 | 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 INTERN-

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 reports 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