

IN FORMATIONS

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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
 Familiar:
 Assembly • NoSql • IOS • 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 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