

Ahmed Aboukoura

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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