HAMZA CHERQAOUI

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Education and Honors

DePauw University, Greencastle, IN, B.A. Expected May 2023.
- Computer Science & Mathematics Major
- Overall GPA: 3.65
- Major GPA: 3.92
- Awards: Dean's List (Spring 2020 -Fall 2021-Spring 2021)

Courses Completed and in Progress

Object-Oriented Software Development - Data Structures - Foundations of Computation - Graphics - Computer Systems - Foundations of Advanced Mathematics - Linear Algebra - Logic - Number Theory - Calculus III

Skills: Languages: Java, C++,C, Python, JavaScript, HTML, CSS, Additional exposure to SQL./ Tools & Environments: Android Studio, Visual Studio, Visual Studio Code, XCode/ Operating Systems: Windows, Mac OS X, iOS & Android.

Computing Experience

Android Mobile Development | CodePath.

February 2021 - April 2021

Built various Android applications implementing the concepts of OOP.
Commit 5 hours a week attending workshops and producing projects
Ensured that apps are tested to meet total performance requirements.
Optimized the interfacing of the apps with a variety of systems to ensure flexible and agile use.

Software Engineering Intern | TSAWDrones.
June 2019 - August 2019

Developed an Android application that engaged users/ presented company services & products.
Collaborated with the UI and UX team to make the application user-friendly.
Lead in the design, development, and implementation of the layout of the application.

Projects

Parstagram | (Android Application/ Java, XML)
A photo-sharing app similar to Instagram that uses Parse as its backend.

ApocalypseSubway | (Java)
A text-based survival game developed using Java to demonstrate Object-Oriented Software Fundamentals.

SimpleToDo | (Android Application/ Java, XML)
An android app that allows building a to-do list and basic to-do items management functionality including adding new items, editing, and deleting an existing item.

Leadership Experience

PennApps XXI Hackathon | *University of Pennsylvania (Remote) September 2020*

Collaborated with a team to develop a Web Chat Application.
Organized tasks for front-end and back-end development using React & JS.
Designed Logos and Interface graphics using Photoshop & Assisted with code writing and review.

Hack MIT Hackathon | *Massachusetts Institute of Technology | September 2021*

Developed a Web Application that allows users to offer free items and food online to promote recycling and reduce waste.
Developed using JS, HTML, and CSS.

Additional Experience

Online Instructor @iD Tech
Data Structures Teaching Assistant @DePauw University.
IT/ Help Desk Technician @DePauw Help Desk.
Business Consultant @DePauw Consulting group.
Scholarship Chair @ Phi Gamma Delta.
Valid Coursework in English, French, and Arabic (+15 years)/ Very fluent in all of them.

International Computer Association Club Member

Interests:

Backend Development- Mobile Development- Hackathons- Basketball- Art- Photography- Volunteering.