Abdul Hassan

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SUMMARY

As a driven computer science senior, I am eager to leverage my knowledge and skills as an entry-level software engineer. With a strong passion for software engineering and proficiency in Python, C++, and HTML/CSS, I am excited to take on new challenges and make a positive impact in the field.

TECHNICAL SKILLS

Programming Languages: Python, Java, C/C++, JavaScript, HTML/CSS, SQL

Software: Microsoft Office, MySQL**,** Microsoft SQL Server

Frameworks & IDE Tools: Android Studio, PyCharm, CodeBlocks, Visual Studio Code (VS Code), Sublime Text, Django

Version Control: Git, GitHub

Languages: Fluent Arabic (reading, writing, speaking)

EDUCATION

University of Houston-Downtown (UHD), Houston, TX

Bachelor of Science, Computer Science   May 2023

GPA:	3.59
Honors:	Dean's list 3 out of 4 semesters
Awards:	UHD Finish Faster Grant, UHD Merit Scholarship
Activities:	Computer Science Club Member
Relevant Courses:	Data Structures & Algorithms, Software Engineering, Operating Systems, Database Systems, Web Development, AI, Computer Network Architecture

RELEVANT PROJECTS

University of Houston-Downtown (UHD), Houston, TX   August 2021 – Present

NBA Database Project – *Project Leader*

- Built a relational database that gave us a scope of what the 2021 NBA season looked like
- The database covered the info about each team from its name to where they play their home games
- Provided the users with a database where they can search for their teams, players, and coaches

Web Scraping Tool – *Project Leader*

- Scraped S&P 500 Index options data from the Barchart website using Selenium WebDriver, Pandas, and openpyxl.
- Retrieved data on put and call volume, open interest, and average at-the-money volatility for different expiration dates.
- Processed, cleaned, and saved the data to an Excel file.

Portfolio Website (http://abdul.fit)

- Demonstrated expertise in HTML, CSS, and JavaScript.
- Designed and developed a user-friendly and visually appealing website that effectively showcases my skills and portfolio.
- Implemented responsive design to ensure optimal viewing experience on various devices, including desktop and mobile.
- Wrote clear and concise descriptions for each project in the portfolio section to provide context.