WAHAB JAVED

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WORK EXPERIENCE

PlugPower   **February 2023 – Present**
Software Engineering Intern
- Developing a graph database using Neo4j and PowerBI to efficiently manage various projects the company is undertaking this year.
- Requires a comprehensive and flexible approach to organizing and tracking information for over 50 different initiatives.
- Actively working on creating a database system that streamlines project management processes and provides valuable insight for decision-making purposes.

The University of Houston | Computer Science Department   **January 2023 - Present**
Academic Support Assistant
- Collaborated with the course instructor to deliver effective instructions to over 150 students.
- Provided students with constructive feedback to improve and further develop their programming skills.
- Conducted weekly office hours to provide students with comprehensive code reviews, supporting student success.

DM Clinical Research   **September 2022 – December 2022**
Intern
- Assisted IT Team with setting up and deploying new time efficient ticketing system for solving daily problems.
- Created credentials and prepared work laptops for onboarding over 30 new employees per month.
- Provided level 1 tech support for software troubleshooting and issue resolution for employees.

The UPS Store #6735   **April 2021 – August 2022**
Center Manager
- Supervised day-to-day operations alongside developing and maintaining relationships with vendor's and suppliers.
- Managed ownership transfer of franchise location and sustained customer satisfaction under new ownership.
- Assisted with recruitment and training of new personnel alongside managing a team of over 5 people.

PROJECTS

StudyUP
Discord Bot
- Utilized Typescript, Discord.js API, and MongoDB to implement a discord bot to create and keep track of events.
- Enhanced the bot functionality to facilitate scheduling, booking study rooms, and organizing group study sessions.
- Helps to promote and organize group study sessions at the MD Anderson Library in student-run discord servers.

Dunya Flight Searcher
CodeRED Odyssey Hackathon - Web Application
- Created a website using Next.JS, TypeScript and Tailwind to implement a personalized flight searcher.
- Included a Firebase Database to search Duffel API for flights and to display them to the user on the webpage based on user preferences such as, budget, activities, and other popular traveler factors.

Fixed-length Code Decompressor
Operating Systems Projects
- Developed a multithreaded code decompressor that uses sockets for IPC, enabling simultaneous processing of multiple requests.
- Deployed using C++ in Ubuntu to employ POSIX Threads and Stream Sockets.

EDUCATION

University of Houston   **Expected Graduation Date: Fall 2023**
Bachelor of Science in Computer Science | Major GPA: 3.926/4.0
- Honors: Dean's List: Fall 2021, Spring 2022
- Relevant Coursework: Data Structures, Computer Organization and Architecture, Operating Systems, Algorithms and Data Structures, Introduction to Automata and Computability, Database Systems

ACTIVITIES AND LEADERSHIP

CougarCS – Director of Operations   **January 2023 – Present**
- Successfully planned, organized, and executed logistics for all CougarCS events during the semester.
- Led and managed an Operations Committee to ensure member participation, secure event venues and execute events seamlessly.
- Proactively procured and transported necessary items to event locations to guarantee smooth operations.

CougarCS – Member & Tutor   **August 2021 – December 2022**
- Experienced tutor with over 40 hours of logged tutoring sessions, successfully assisting students on various platforms.
- Helped students improve their understanding of theoretical concepts behind problems/projects to broaden their knowledge.

TECHNICAL SKILLS

Programming Languages: Python, C++, TypeScript, HTML, CSS, Java, JavaScript, Visual Basic, mySQL, Cypher

Frameworks & Libraries: Git, Next.JS, TailwindCSS, Node.js, MongoDB, React

Tools: VS Code, Microsoft Office, Keil, Ubuntu, Manjaro, ArchLinux.