

# WAHAB JAVED

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## WORK EXPERIENCE

### Plug Power

February 2023 – Present

#### Software Engineering Intern

- Developed a full-stack web application for data entry, manipulation, and visualization, utilizing Neo4j and PowerBI to efficiently manage numerous company projects.
- Implemented a comprehensive and flexible approach to organize and track information for over 50 different initiatives.
- Actively contributed to the creation of a database system that streamlines project management and decision-making.

### 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

#### IT 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 | Typescript, MongoDB, Discord.js,

- Developed a Discord bot using Typescript, Discord.js API, and MongoDB to streamline event creation and management.
- Expanded bot capabilities to enable seamless scheduling, study room booking, and organization of group study sessions.
- Assisted in promoting and organizing group study sessions at the MD Anderson Library.

### Portfolio Website | Typescript, Next.js, TailwindCSS

- Created a responsive and visually captivating personal portfolio website with Next.js, TypeScript, and Tailwind CSS.
- Overcame UI/UX design challenges to deliver an innovative and engaging user experience.
- Utilized Tailwind CSS for the first time to create stunning animations, elevating the user experience.

### Fixed-length Code Decompressor | C++, POSIX Threads, Stream Sockets

- 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: 3.944/4.0

- Dean's List: Fall 2021, Spring 2022, Fall 2023, Spring 2023
- Relevant Coursework: Data Structures, Operating Systems, Algorithms and Data Structures, Introduction to Automata and Computability, Database Systems, Software Design, Software Engineering

## ACTIVITIES AND LEADERSHIP

### CougarCS – Executive Director of Finances

January 2023 – Present

- Provide strategic oversight and meticulous tracking of club finances, ensuring efficient spending and financial accountability.
- Execute financial responsibilities, overseeing budgets, tracking expenditures, and serving as the club's financial executive.

### CougarCS – Director of Operations

January 2023 – May 2023

- Organized and executed logistics for CougarCS events, ensuring seamless operations and member participation.
- Led Operations Committee, securing venues and proactively managing procurement and transportation for successful events.

### CougarCS – Member & Tutor

August 2021 – December 2022

### JPMorgan Chase Software Engineering Virtual Experience

June 2023

## 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, Discord.js, Jest, Duffel API

**Tools:** VS Code, Microsoft Office, Keil, Ubuntu, Manjaro, ArchLinux, Neo4J, PowerBI