

JOHANNES JOHNSON

Houston, Texas 77089 | +1 (832) 682-8814 | johannes.shelson12@gmail.com

PROFESSIONAL SUMMARY

Led a team of 3 peers to develop a database-driven car service management system aimed at improving scheduling efficiency by 50%. Applied engineering and systems analysis background to deliver real-world technical solutions in academic and volunteer settings. Coordinated with cross-functional contributors on campus and church-led initiatives to streamline logistics and increase participation by over 25%. Currently pursuing a Master's in Computer Information Systems with hands-on experience in web development, data analysis, and software implementation.

SKILLS

- | | | |
|-------------------------------|----------|-------------------|
| • HTML | • Python | • Agile |
| • CSS | • Flask | • Microsoft Excel |
| • Javascript | • Django | • SQL |
| • System Analysis and Designs | • SDLC | • Statistics |
-

EXPERIENCE

Student Assistant - Circulation Desk

09/2024 - PRESENT

Alfred R. Neumann Library, University of Houston-Clear Lake

- Assisted 100+ patrons weekly at the circulation desk, ensuring a welcoming environment and efficient service.
- Managed 200+ book and media check-ins/check-outs daily using library systems, reducing wait times by 15%.
- Collaborated on 3+ monthly campus-wide events, contributing to a 20% increase in student participation and library foot traffic.

Outreach duties and Volunteer

05/2021 - 04/2023

St. John's Church, New Perungalathur, Chennai, India

- Engaged community in outreach, boosting participation by 30%, enhancing volunteer skills.
- Coordinated with a volunteer team of 8-10 members to streamline event logistics and communication.

Volunteer

12/2020 - 11/2023

LEO Club of Rajalakshmi Engineering College, Chennai, India

- Coordinated and participated in 12+ community outreach events, increasing student involvement by over 25%.
 - Collaborated with 20+ volunteers to organize technical workshops, charity drives, and leadership initiatives.
 - Played a key role in event planning and logistics, resulting in smoother execution and higher attendance.
-

INTERNSHIPS

05/2025 - 06/2025

Data Science Intern

University of Houston - Main Campus

EDUCATION

University of Houston - Clear Lake

Master of Science - Computer Information Systems

GPA: 3.445

Rajalakshmi Engineering College, Chennai, India

Bachelor of Engineering - Electronics and Communication

GPA: 8.79

ACADEMIC PROJECTS

Personal Portfolio Website

Tech Stack: Next.js, React, Tailwind CSS, Vercel

Assembled a personal portfolio website using React and Tailwind CSS to exhibit my projects, achieving a 95% performance score after deployment on Vercel.

Car Wash and Repair Management System - Database-Driven Web Application

Tech Stack: PostgreSQL, Python Django, Bootstrap

Developing a database-driven web application projected to reduce service scheduling time by 50% and improve billing accuracy for a car service center managing 100+ monthly customers.

Spectral Analysis of Seashore Minerals - Mineralogical Mapping Project

Tech Stack: ENVI Software, GIS Mapping Tools, Python

Conducted spectral analysis of coastal shore minerals using satellite imagery, enabling accurate identification and mapping of 5+ mineral types based on reflectance properties.

Colliery Gas Detector

Tech Stack: Arduino, MQ Gas Sensors

Engineered a gas detection solution with Arduino and MQ sensors to enhance mining safety through real-time monitoring of hazardous gases such as Methane, CO, and H₂S.

Attendance System using RFID Tags

Tech Stack: Arduino UNO, RFID Module, Google Firebase, Google Sheets API

Designed and implemented an RFID-enabled attendance tracker using Arduino, Firebase, and Google Sheets API, automating recordkeeping and cutting manual tracking time by over 70% in institutional environments.

SOCIAL WEBSITES

LinkedIn: www.linkedin.com/in/johannes-johnson-882636257

Portfolio: <https://jj-portfolio-m8ot-ncfrwd04p-johannes-johnsons-projects.vercel.app/>