

# Osaid Mohammad

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<https://github.com/OsaCode468>

## EDUCATION

University of Houston, Houston, Texas

**Bachelor of Science: Computer Science GPA: 3.92**

**Spring 2025**

- Undergraduate Course Work: Algorithms and Data Structures, Data Structures and Programming, Operating Systems, Databases Computer Org and Architecture, Discrete Math
- Recipient of Academic Excellence Scholarship: Fall 2021, Spring 2022, Fall 2022, Spring 2023
- Deans Distinguished Scholars: Fall 2021, Spring 2022, Fall 2022, Spring 2023

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## EXPERIENCE

**Teaching Assistant, University of Houston**

**January 2023- Present**

- Hosted weekly office hours for Computer Org & Architecture (COSC 2425) to teach and assist 100 students and revise concepts
- Designed and graded quizzes to demonstrate topics discussed in class

**Sales Associate, Sarah Wholesale**

**October 2020–Present**

- Helped customers locate products and checked store system for merchandise.
- Engaged with customers to effectively build rapport and lasting relationships.
- Organized racks and shelves to maintain store visual appeal, engage customers and promote specific merchandise.

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## PROJECTS

**Sarah Wholesale Website**

**January 2023- Current**

- Engineered a website for a local small business in order to allow e commerce and provide an overview of services using React
- Implementing backend E-Commerce Capability through Node.JS and Express

**Core Scheduling Simulator**

**March 2022**

- Employed C++ to engineer a program that managed usage of cores between resources in an Operating System Simulator
- Successfully implemented an efficient FIFO CORE scheduler that allocated resources in a fast and decisive manner

**Al-Noor Youth Website- <http://alnooryouth.com/>**

**October 2022**

- Created a multi-page website, featuring a fully responsive and dynamic design that adapts to various screen sizes and devices
- Utilized HTML, CSS, and JavaScript to showcase the services and projects of the youth group and increase engagement by 30%

**Electric Bill Calculator- CodeRed Hackathon**

**October 2021**

- Directed a group of three people to develop a fully functional Electric Bill Calculator in Python.
- Successfully reduced electricity bill by nearly 40% through implementing sustainable alternatives and energy-efficient measures
- Showcased at CODERed Hackathon at the University Of Houston.

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## ACTIVITIES

**Outreach Coordinator IEEE-NSM, University of Houston Chapter**

**January 2023- Present**

- Coordinated with several UH professors in order to host workshops based on topics like Data Science, Computational Biology and using Data Collection to model Physics concepts
- Coordinated recruitment efforts and increased group membership by more than 25%

**Community Relations Manager, Al-Noor Youth**

**June 2016–Present**

- Managed a team of 27 youth members involved in various mosque and volunteering opportunities, Hurricane Harvey relief notably
- Collaborated with organizations like Paani and Muslim Dreamers to provide volunteering and fundraising efforts
- Facilitated communication and maintained relationships between the Mosques Committee and the youth group
- Provided meals to hundreds of people during the month of Ramadan

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## SKILLS

- Languages: English, Gujrati, Urdu, and Hindi
- Programming Languages: C++, Java, Python, HTML, CSS, JavaScript, SQL, Bash
- Frameworks: React, Node.js, Express, Django, Tailwind.css
- Other: Git, Customer Service, Sales, and Microsoft Office Suite