

Saad Salman Beg

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EDUCATION

University of Houston | College of Natural Science and Mathematics

Houston, TX

Bachelor of Science in Computer Science

Expected Graduation: Dec 2025

- **Relevant Coursework:** Introduction to Programming, Programming and Data Structures, Discrete Mathematics, Statistics for Sciences, Algorithm and Data Structures, Operating System, Intro. to Automata and Comp.
- **Cumulative GPA:** 3.17

EXPERIENCE

Gyro Hut

Houston, TX

Manager

January 2023 – March 2024

- Successfully assumed the role of acting manager, taking charge of daily restaurant operations, staff management, and customer service.

American Institute for IT Professionals

Dallas, TX

Intern

October 2022 – January 2023

- Performed calculations using data analysis techniques to identify trends, patterns, and anomalies in large data set.
- Presenting data in a graphical form using Microsoft Power BI and Tableau to better visualize the data trends.

Linked Things

Karachi, Pakistan

Intern

January 2022- March 2022

- Developed and maintained websites utilizing CSS, Python, and C, consistently updating skills to keep pace with the latest advancements in web technology.

PROJECTS

CipherList Decipher

Spring 2024

- Developed a C++ application to decode encrypted messages using string manipulation and frequency analysis within a custom linked list structure.

Bracket Decoder

Fall 2023

- Developed a C++ application to decode and validate bracketed strings using a custom linked list and frequency analysis.

Bracket Validator

Spring 2023

- Developed a C++ application to validate bracket order and nesting using stack and priority queue data structures.

SKILLS AND CERTIFICATIONS

Certification: 1) Google IT Support Professional Certification 2) IBM Data Analyst Professional Certificate 3)

AWS Certified Solutions Architect - Associate (In Progress)

Skills: Python, HTML, C, C++, R Studio, SQL, Java, JavaScript, Networking, Machine Learning, Data Analysis

Languages: Fluent in Urdu and Hindi

ORGANIZATIONS

Pakistan Student Association (PSA) | Chief Financial Officer

Fall 2023 - Present

- Managed membership growth, events, finances, and sponsorships. Handled reimbursements and supervised events. Upheld Pakistan's positive image as a PSA Executive Board member.

Code Coogs| Member

Spring 2023 - Present

- Member of Code Coogs, a student-led computer science organization at the University of Houston, focusing on socials, teams, competitions, and workshops to develop projects, refine technical skills, and build friendships.