Abishek Shaju

Pearland, TX | Email: abishekshaju12@gmail.com | Mobile: 346-219-1273

EDUCATION

Bachelor's in Computer Science, *University of Houston*   **May 2024**
- **GPA: 4.0**
- Minor in Mathematics, Honors Minor in Data and Society
- Relevant Coursework: Data Structures and Algorithms, Databases, Operating Systems, Computer Architecture, Introduction to Programming

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PROJECTS

Company Project Management System   **September 2022 – November 2022**
- Developed a web app that helps a company track its projects, employees, budgets, etc.
- Created a SQL database, connected to the frontend, so users on web app can modify the database, without direct access.
- Utilized C#, HTML/CSS, JavaScript, and ASP.NET framework for the web app.

2048 Optimizer   **March 2022 – May 2022**
- Invented a program in C++ that generates the shortest viable sequence of moves to win 2048.
- Adaptable to any board size.

Back2Safety Web Application   **October 2021**
- Composed a web app that raises awareness of workplace safety.
- Generated an interactive globe showcasing the deadliest workplace disasters around the world.
- Assembled with JavaScript, Planetary.js, and HTML/CSS.

Card Dealer   **January 2020**
- Customized a pseudo-AI program in Java that can deal cards from a standard deck and shuffle cards.
- Conceived as a basis for card games such as Poker and Solitaire.

EXPERIENCE

Data Structures Teaching Assistant, *University of Houston*   **August 2022 – Present**
- Maintained a complex Linux server for over 100 students, to track their coding assignments.
- Improved student passing rates through weekly labs and office hours, focusing on crucial topics.
- Published and monitored extensive exams to measure student performance in the course.

Software Engineering Intern, *Service Corporation International*   **May 2023 – August 2023**
- Enhanced security and auditing with a user activity tracking tool for internal databases.
- Tested over 50 data reports and dashboards newly deployed in a cloud data warehouse.

SKILLS AND ABILITIES

C++, C, Java, SQL, HTML/CSS, R, Excel, Visual Studio, Python, JavaScript, C#, PowerBI, Git Bash, ASP.NET, Linux, Assembly

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HONORS AND AWARDS

Academic Excellence Scholarship, *University of Houston*   **August 2021 – Present**
- Provided to students who displayed high scholastic achievement during high school.

Dean's Distinguished List, *University of Houston*   **August 2021 – May 2023**
- Given to students with outstanding academic performance above 3.75 GPA.

ORGANIZATIONS

CougarCS   **August 2021 - Present**
Houston Bonner Leaders   **August 2021 - Present**
Code Coogs   **January 2022 - Present**