

Abishek Shaju

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EDUCATION

- **Bachelor's in Computer Science, *University of Houston*** **August 2021 – May 2024**
 - **GPA: 4.0**
 - Minor in Mathematics, Honors Minor in Data and Society
 - Relevant Coursework: Introduction to Programming, Programming and Data Structures, Operating Systems, Databases, Computer Architecture
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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.
 - Conducted weekly labs and office hours in instructing students on key topics.
 - Published an extensive midterm exam to measure student performance in the course.
 - **Software Engineering Intern, *Service Corporation International*** **May 2023 – August 2023**
 - Developed an internal tool that tracks user activity across multiple company databases.
 - Tested over 50 data reports and dashboards newly deployed in a cloud data warehouse.
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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.
 - Built 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.
 - Can be used as a basis for card games such as Poker and Solitaire.
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SKILLS AND ABILITIES

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

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