Sai Arun Daverpally

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Education

Georgia Institute of Technology   Atlanta, Georgia
Bachelor of Science in Computer Science, GPA: 3.8/4.0   Expected Graduation: May 2025
Relevant Coursework: Data Structures & Algorithms, Computer Organization & Programming, Objects and Design
Georgia State University   Atlanta, Georgia
Bachelor of Science in Computer Science   Aug 2021 – Dec 2022
Relevant Coursework: Data Structures, Computer Organization

Projects

E-Commerce Website | *Java, MongoDB, Spring Boot, React, Spring Security 6*
• Utilized Spring Boot in the backend to handle requests from both admin and customer user types
• Implemented the frontend using React Components and Hooks to display the website
• Hosted the source code on GitHub and the full-stack application on Render with the help of Docker
• Created a built-in security authorization and authentication using Spring Security, JWT, and sessions
JavaFX Games (Flow Free, Wordle, Codenames) | *Java, JavaFX*
• Utilized JavaFX and collaborated with five other GT peers to create three unique Java games across 5 sprints
• Implemented using SOLID/GRASP principles and several design patterns, like Singleton and Observer
• Tracked our progress through each sprint using Git and hosted our source code on GitHub repository
Note-Link | *MongoDB, Express.js, React.js, Node.js*
• Integrated React-Quill, an open-source text editor, to allows users to create highly customized notes
• Utilized Node.js and Express.js to create a CRUD API that communicates with MongoDB to store user data
• Used React Hooks to create cross-communication with backend and display notes on the frontend
• Applied CSS Flexbox to create dynamic components that rearrange based on changes in viewport

Leadership

Vice-President | *Cybersecurity Club @ Georgia State University*   *Jan 2022 – Jan 2023*
• Created slides on cybersecurity topics for competitions & weekly meetings for about 25-30 active members
• Managed an unofficial student organization with over 60+ members both in-person and online (Discord)
• Performed outreach/networking to connect with other CS clubs and cybersecurity-related organizations
Competition Director | *Cybersecurity Club @ Georgia State University*   *Sep 2021 – Dec 2021*
• Created slides on encryption, cryptography, steganography for bi-weekly meetings with over 15 members
• Researched/presented local competitions to club's executive board to select as part of semester goals
• Led bi-weekly meetings to teach 15+ members about cybersecurity as part of competition preparation
• Led a group of 5+ members in NCL, a national competition, and ranked, nationally, in the 89th percentile

Awards/Certifications

Awards: Dean's List (GSU - Fall 2021), President's List (GSU - Spring 2022)
Certifications:
• Certified Internet Web Professional: Site Development Associate   *Summer 2021*
• Microsoft Technology Associate: Software Development Fundamentals   *Fall 2021*
• Unity: Certified Associate Game Developer   *Fall 2021*
• Applied Data Science with Python Specialization (5 Courses) by University of Michigan   *Fall 2020*

Skills

Technical Skills: Java, Python, HTML, CSS
Technologies/Frameworks: JavaFX, Spring Boot, MongoDB, Express.js, React.js, Node.js, Bootstrap, Git