

Sricharan Kathika

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Computer Science student at the University of California, Riverside. I have experience in C/C++, Java, Python, HTML, Javascript, and CSS. I am currently looking for internship opportunities in the field of software engineering.

PROJECT

Portfolio Website

July 2022 - August 2022

- Created a responsive portfolio website from scratch showcasing my skills and projects and deployed it to a server.
- Used React.JS, tailwind CSS, and HTML to create this project.
- Implemented many tools like react smooth scroll and react typing effect.

Profanity Checker

November 2021

- Utilized the Discord.js documentation, Node.js, and javascript to create this bot.
- The program kicks any user that types a profanity word.
- Additionally, it gives discord users with the right roles and clearance, the power to kick others off the server.

BattleShip

July 2021 - August 2021

- Created a 2 player text-based game using java where the game asks both players to choose the size of the boards, the number of ships, and where they want to place the ships before they play the traditional battleship.

EDUCATION

University of California, Riverside

Bachelor of Science in Computer Science, Riverside, CA, 2021 - 2025

American High School

High school Diploma, Fremont, CA, 2017 - 2021

SKILLS

Java, C/C++, Python, JavaScript, HTML, CSS, React.JS, Node.js, Assembly Language Git, AWS, Data Structures, Algorithms, Object Oriented Programming, Typescript, Communication, Collaboration, Problem-solving, Critical Thinking, Time Management,

CERTIFICATIONS

Software Engineering Virtual Internship

JPMorgan Chase & Co. - 2022

- Interface with a stock price data feed and set up your system for analysis of the data.
- Implemented the Perspective open source code in preparation for data visualization.
- Used Perspective to create a chart for the trader's dashboard.

COURSEWORK

CS010C

C++ Data Structures & Algorithms - 2022

- Topics include basic data structures such as arrays, lists, stacks, and queues. Covers dictionaries (including binary search trees and hashing) and priority queues (heaps). Offers an introductory analysis of algorithms, sorting algorithms, and object-oriented programming, including abstract data types, inheritance, and polymorphism.

CS100

C++ Software Construction - 2022

- Topics include design, coding layout, and style; implementation strategies; quality attributes; prototyping, reuse, and components; debugging, testing, and performance; integration and maintenance; documentation; standards, analysis, and selection of tools and environment; and personal software processes.

CS61

Machine Organization - 2022

- Topics include number representation, combinational and sequential logic, computer instructions, memory organization, addressing modes, interrupt, input/output (I/O), assembly language programming, assemblers, and linkers.

Java Lvl 2: Java Master

Java Object Oriented Programming - 2021

- Focuses on object-oriented programming in Java, covering classes & objects, subclasses, and inheritance.