

# Sricharan Kathika

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## EDUCATION

### High School Diploma

American High School • Fremont, California

### Bachelor of Science in Computer Science

University of California, Riverside • Riverside, California • 2025

### Java and Python Mastery

Juni Learning Academy • San Francisco, California • 2021

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## PROJECTS

### Portfolio Website

July 2022 - August 2022

- Created a responsive portfolio website from scratch using Tailwind CSS 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 - November 2021

- 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.
- Only the admin role has the power to manually kick a member.
- Utilized the Discord bot workshop and related resources, Discord.js documentation, and relevant tutorial videos to better understand Javascript syntax.

### 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.

### BlackJack

June 2021- July 2021

- Created a text-based game in python in which the player plays a game of blackjack against the computer.

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## SKILLS

Java, C++, Python, Javascript, React, Object Oriented Programming, CSS, HTML, Git

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## 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.

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## COURSEWORK

### CS010B

University of California, Riverside • 2022 • Object Oriented Programming

Covers structured and object-oriented programming in C++. Topics include recursion, pointers, linked lists, abstract data types, and libraries

### CS010C

University of California, Riverside • 2021 • C++

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.

### Java LvL 2: Java Master

Juni Learning Academy • 2021 • Java

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

### Python LvL 2: Problem Solver

Juni Learning Academy • 2021 • Python

Python fundamentals with loops, variables, conditional statements, and functions, while also introducing more advanced topics such as lists, sets, dictionaries, and error checking.

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## INVOLVEMENT

### Member

University of California, Riverside • Association for Computing Machinery • September 2021 - Present

- In the Fall, attended workshops to develop professional resumes, build all-star LinkedIns, and ways to apply effectively at companies from the Big 4 to startups.
- In the Winter, workshops where technical pathways ranging from web/app development to security to cloud computing will be introduced.
- In the Spring, workshops that focus on all the small engineering craft that is expected knowledge for CS students that classes don't cover: Offline Editing, Source Control, Using APIs, and more will be held.