

Sagar Joshi

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Education

California State University, Fullerton
Bachelor of Science, Computer Science

December 2021

Santiago Canyon College
Associate of Science, Computer Science

June 2019

Related Courses

- Data Structures (C++)
- Technical Writing for Computer Science
- Foundations of Software Engineering
- Computer Organization and Assembly Language
- Software Development with Open Source Systems
- File Structure and Databases (MySQL)

Personal Projects

Text Editor (Python)

- Designed command prompts that allow the user to either save, open, or start a new file
- Assembled a default extension so it would automatically save as a text file
- Computed functions that assist the command prompt with each of their tasks

Casino Number Guessing Game (C++)

- Operated this program to have tasks that manage the rules for the guessing game
- Devised do-while statements to obtain information on the user's current balance and ask how much money they are willing to bet
- Programmed if-else statements to determine how much the user earns if they guess the number correctly

Physics Calculator (Python)

- Constructed to aid students in calculating momentum, acceleration, velocity, force, and speed
- Engineered programs to contain mathematical equations for each of the operations
- Computed commands that allow the user to solve multiple problems at once

Work Experience

Engineering Ambassadors Network (EAN)
Fullerton, California

January 2020

Engineering Ambassador

- Teach and influence K-12 students to pursue a career in Computer Science
- Develop adequate communication and presentation skills
- Represent the College of Engineering and Computer Science at outreach/recruitment events

Leadership Skills

- Developer Student Club (DSC) November 2019
- LSAMP October 2019
- Project RAISE August 2019
- Association for Computer Machinery August 2019

Technical Skills

- Certifications: Introduction to Web Design using Adobe Dreamweaver, GCP Essentials
- Languages: C++, Python, C, HTML, CSS, C#
- Operating Systems: Windows, Linux
- Tools: MS Visual Studio, Eclipse, Adobe Dreamweaver, NetBeans, MS Visual Studio Code, R Studio, Figma
- Databases: MS Access, MySQL