**Sagar Joshi**

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**Education**

California State University, Fullerton

***Bachelor of Science, Computer Science*** **December 2021**

**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/Group 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

Data Defense – Children’s Typing Game (C#)

* Programmed a typing mechanism that lets the user type out the word that appears on screen
* Constructed an image scraping program that chooses an image online from a text file
* Assembled enemy shields that only disappear if the user types out the word correctly

**Work Experience**

Engineering Ambassadors Network (EAN) **January 2020**

Fullerton, California

***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 and recruitment events

California State University, Fullerton **January 2020**

Fullerton, California

***Undergraduate Research Assistant***

* Extract text data for sustainability applications to understand consumer behavior
* Program in Python to create spreadsheets with collected data through Twitter API
* Perform sentiment analysis through each dataset using R’s tidy verse and tidy text libraries

**Leadership Skills**

* Developer Student Club (DSC)
* Project RAISE
* Association for Computer Machinery

November 2019

August 2019

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
* Databases: MS Access, MySQL