**Sagar Joshi**

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**education**

**California State University, Fullerton** Fullerton, California

*Bachelor of Science, Computer Science* Expected Graduation: May 2021

Relevant Coursework: Data Structures, Web Front-End Engineering, Web Back-End Engineering, File Structure and Databases, Algorithm Engineering, Introduction to Data Science and Big Data

GPA: 3.5/4.0

**technical skills**

* Programming Languages: C++, Python, JavaScript, C
* Frameworks/Web Development: Node.js, Bootstrap, HTML, CSS, jQuery, Flask, Django
* Tools/Others: Linux, Git, GitHub, Visual Studio, JupyterLab, RStudio, SQL

**projects**

**Dungeons & Dragons Character Sheet Creator** *(Lead Developer, Git Repo Manager)* August 2020 - August 2020

* Deployed a web application at Major League Hacking (MLH) Hackathon that focuses around developing an automatic fill-in character sheet for beginners playing Dungeons and Dragons
* Utilized HTML, CSS, and Bootstrap for front-end and operated JavaScript to integrate DnD 5e API

**Gamer Search** *(Lead Developer, Git Repo Manager)* May 2020 - June 2020

* Collaborated alongside 4 members to build a web application provides all a game's information
* Built front-end using HTML, CSS, and Bootstrap and utilized JavaScript to integrate and display RAWG API

**experience**

**California State University, Fullerton** | Fullerton, California January 2020 - Present

*Mathematics Supplemental Instruction Leader* July 2020 - Present

* Collaborate closely with 12 professors to develop student study programs based on weekly lessons covered
* Guide 20 students to develop independent study skills by leading critical thinking workshops
* Facilitate 30 virtual workshops and construct worksheets using TeX to prepare students for exams and quizzes

*Undergraduate Research Assistant* January 2020 – June 2020

* Researched on Twitter user's reactions on most recent forest fires from January 1st, 2019 to May 6th, 2020
* Programmed a Python script to create spreadsheets with 681 collected tweets through Twitter API
* Performed sentiment analysis through each dataset using R's tidy verse and tidy text libraries

**leadership experience**

*Engineering Ambassador Network (EAN),* Engineering Ambassador January 2020 - Present

* Host 2 virtual information sessions and communicate with high school and transfer students on the advantages of pursuing Computer Science at California State University, Fullerton
* Introduce students to Artificial Intelligence, demonstrate its impact in our society, and have students interact with a Google Lens demo

*Developer Student Club (DSC),* Technical Lead November 2019 - Present

* Teach 40 students mobile and web development skills that uses Google's web technologies by creating and hosting 2 hour-long technical workshops on YouTube
* Collaborate and partner with other universities Developer Student Clubs to determine what Google technologies should be promoted to our members

**certifications**

* Google Cloud Platform (GCP) Essentials Certification
* Student Leadership Institute Certification
* Introduction to Web Design using Adobe Dreamweaver