

Sagar Joshi

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EDUCATION

California State University, Fullerton
Bachelor of Science, Computer Science

Fullerton, California
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: 3.05/4.0

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