

SARAH RAMIREZ

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EDUCATION

University of California, Riverside

Riverside, CA

Computer Science with Business Applications, B.S.

June 2023

Cumulative GPA: 3.70 Major GPA: 3.72

Relevant Coursework: Discrete Structures, Computer Networks, Intermediate Data Structures and Algorithms, Design of Operating Systems, Computer Security, Introduction to Information Retrieval, Data Analysis Methods, Database Management Systems, Software Construction, Marketing and Distribution Management, Business Simulation, Technical Communications

Honors: Dean's Honor List • Chancellor's Honor List • Golden State Seal Merit Diploma • Cum Laude 2019 • Esperanza Dollars for scholars scholarship 2019

EXPERIENCE

UCR Association for Computing Machinery

Riverside, CA

Web Developer

July 2022 - June 2023

- Work in a team to develop a new, easy to navigate website for ACM at UCR
- Utilized: Tailwind CSS, React Bootstrap, Javascript, and Github

UCR Computer Science dept.

Riverside, CA

Grader

April 2022 - Present

- Grade student's homework, exam, quizzes for the Discrete Structures course at UCR
- Prepare solutions for homeworks, exams, and quizzes

iGen Connections

Remote

Creative

February 2021 - Present

- Tasked to create content for social media posts
- Assist in brainstorming ideas for content that appeals to a wide range of viewers
- Edit videos created for content purposes

PROJECTS

RAT. An rpg

[Github](#)

- A text-based Role-playing game created with two of my friends
- Utilized design patterns in the creation of our game
- **Utilized:** C++, Github, CMake, and Google test framework

UC System Web Search Engine

[Github](#)

- Developed a web crawler using Python and BeautifulSoup to crawl and store JSON files
- Created a web-based search user friendly interface using PyLucene and Flask, allowing users to input search queries and receive relevant results ordered by score
- **Utilized:** Python, BeautifulSoup, PyLucene, Flask

Portfolio Website

[Github](#)

- Designed and implemented a personal portfolio website
- Utilized media queries and responsive design techniques to optimize the website's layout, content, and images, resulting in a consistent and engaging user experience on desktops, tablets, and mobile devices
- **Utilized:** Next.js, Tailwind CSS, React Bootstrap, Javascript

[Site](#)

SKILLS

C++ • JavaScript • HTML • CSS • Python • Next.js • React • Tailwind • Github • CMake • Microsoft Excel

• Final Cut Pro • Spanish (Bilingual Proficiency) • Basic American Sign Language