

Khushi Chaudhari

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Education

University of California - Riverside

September 2022 – December 2025

Bachelor of Science in Data Science

Riverside, California

Coursework: Intro to AI, Big Data Management, Data Structures and Algorithms, Software Construction, Statistical Computing with SAS, Database Management Systems, Data Analysis Methods

Technical Skills

Languages: Python, JavaScript, React, HTML, CSS, SQL, C++, R, C#, Java

Tools: Git, Github, Github Actions, Visual Studio, R Studio, Unity, Agile, Next.js, TailwindCSS, PostgreSQL

Experience

CS10C Intro to Data Structures and Algorithms

Junior Teaching Assistant

September 2024 – Present

- Assist in managing the grade book for over 250 students, ensuring accurate and timely tracking of performance.
- Evaluate C++ code quality for consistency, helping students improve coding standards and best practices.
- Conduct office hours 1-2 hours/week to review student code and answer any questions regarding assignments

Association of Computing Machinery

github.com/acm-ucr/aiatucr-website

Web Developer | Front-End

June 2024 – September 2024

- Contribute to the development of the AI@UCR website over 10 weeks using React, Tailwind CSS, and JavaScript
- Collaborate with a team of 15 UI/UX developers to implement user-friendly and responsive designs
- Assist in building 10+ accessible, visually appealing projects for AI@UCR
- Work closely with developers to ensure design consistency and functionality

Projects

Online Shopping Analysis | *Python, NumPy, Pandas, Seaborn, Jupyter*

github.com/khushi-04/online-shopping

- Led team of 5 Python-based data analysis project using Jupyter Notebook
- Leveraged libraries such as NumPy, Pandas, and Seaborn for analysis and visualization, and cleaning
- Applied 2 supervised and 2 unsupervised machine learning algorithms to derive insights from the data
- Collaborated within a team to produce a comprehensive analysis document and engaging presentation
- Communicated findings and recommendations effectively through presentation slides.

Amazon Database Management System | *Java, MySQL, PostgreSQL*

github.com/khushi-04/Amazon

- Developed a versatile Java-based user interface for interacting with Amazon stores
- Implemented up to 10 functionalities, such as account creation, login, and role-based access control (customers, managers, admins)
- Enabled customers to view nearby stores, browse products, place orders, and review transactions
- Provided managers access to order data, product updates, popular items, and supply requests
- Implemented over 20 database queries utilizing MySQL features for efficient data retrieval and manipulation

Leadership

Highlander Statistics Society (HiSS)

Treasurer/Fundraising Coordinator

September 2024 – Present

- Manage finances, overseeing \$2000+ ASUCR funding and an off-campus bank account
- Coordinate 10+ financial reimbursements, adhering to university funding guidelines and strict requisition processes
- Plan and execute 1+ fundraisers per quarter
- Maintained accurate financial records, including monthly bank statements and transactions for an account with \$1000+

Air Force Junior Reserve Officer Training Corps (AFJROTC)

github.com/CA-935/ca-935.github.io

Public Affairs Officer

September 2021 – June 2022

- Worked with a team of 8 students to lead 160 students in AFJROTC
- Planned, organized, and led 2 fundraisers, 8 volunteer events, and 4 competitions.
- Published monthly newsletters and videos and sent monthly articles in Scripps Ranch Civic Association newsletter.
- Updated and maintained unit website in HTML: ca-935th.com