

Education

California State University, San Bernardino - San Bernardino, CA

Aug 2022 - May 2025

- Bachelors of Science, Computer Science
- Minor: Data Science
- Summa Cum Laude | Cumulative GPA: 3.92
- Relevant Coursework: Database Systems, Intro to Data Science, Intro to AI, Machine Learning, Statistics

Crafton Hills College, Yucaipa, CA

Aug 2020 - May 2022

- Associate for Transfer, Computer Science
- Transfer GPA: 3.87

Employment

Tutor - Tutoring Center, California State University, San Bernardino

Jan 2024 - May 2025

- Tutored undergraduate CSUSB students in computer science using various strategies to accommodate for differences in knowledge and learning methods
- Tutored courses such as: Intro to AI, Machine Learning, Operating Systems, Algorithm Analysis, etc.
- Assisted multiple students concurrently by concisely assessing each student's academic foundation
- Fostered a welcoming and open environment for both students and faculty
- Continually honed interpersonal and communication skills

Experience

Undergraduate Data Science Researcher - The Data Mine, Purdue University ([Poster](#))

Aug 2024 - Apr 2025

- Completed 25+ data science assignments related to data manipulation, extraction, visualization, and interpretation
- Collaborated in a team environment using the AGILE framework
- Completed a project which analyzed political polarization using a multimodal approach in partnership with 'CCSE'
- Worked on data cleaning and labelling of 100+ C-SPAN data samples
- Developed a RNN using Tensorflow and Scikit-Learn to classify audio data in relation to political sentiment

Fellow - Data Science Fellowship, University of California, Riverside ([Poster](#))

Jun 2024 - Aug 2024

- Developed a web-crawling dashboard provisioned by industry partner 'CrawlBee'
- Participated 30+ workshops to reinforce topics related to: MySQL, R, Python, LLMs, NLP, and Deep Learning
- Attended Esri's 2024 User Conference to witness data science's real-world applications
- Showcased final poster at the Data Science Fellowship symposium to both experienced faculty and visiting guests.

Projects

Crawl-Dashboard for CrawlBee ([Github](#))

- Developed an end-to-end solution for 'CrawlBee' to visualize crucial health metrics for web crawlers
- Collaborated with team members to design and implement a custom API to connect to CrawlBee's data firehose
- Utilized MySQL to create an optimized database that factored in efficiency, stability, and data integrity
- Hosted database on an EC2 server and transported data to a custom dashboard built with Grafana
- Created data visualizations that displayed metrics such as: cpu usage, bandwidth usage, website status codes, crawl health, etc.

Skills

Technical: C++, Python, HTML/CSS, SQL, R, Excel, JavaScript, C#, React, ExpressJS