Yucaipa, CA
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Dustin Santoso

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Education

California State University, San Bernardino - San Bernardino, CA   **Aug 2022 - May 2025**

- Bachelor of Science, Computer Science
- Minor**:** Data Science
- Summa Cum Laude | Cumulative GPA: 3.92
- Relevant Coursework: Database Systems, Intro to Formal Languages & Automata , Machine Learning, Contemporary Computer Architecture

Crafton Hills College - Yucaipa, CA   **Aug 2020 - May 2022**

- Associate for Transfer, Computer Science
- Transfer GPA: 3.87
- Relevant Coursework: Medical Office Terminology, Medical Office Procedures (Introduced healthcare specific workflows, terminology, and administrative procedures)

Experience

Tutor - Tutoring Center, California State University, San Bernardino   **Jan 2024 - May 2025**

- Tutored undergraduate students in computer science using various strategies to accommodate for differences in knowledge and learning methods
- Tutored courses such as: Intro to AI, Digital Logic, Intro to Data Science, Algorithm Analysis, etc.
- Helped multiple students concurrently by concisely assessing each student's academic foundation
- Strengthened interpersonal and collaboration skills through daily student interaction

Undergraduate Data Science Researcher - The Data Mine, Purdue University ([Poster](#))   **Aug 2024 - Apr 2025**

- Collaborated in an Agile team using Gantt charts and RACI matrices to develop a multimodal approach to political sentiment detection
- Leveraged Microsoft Office (Word, Excel, Outlook, PowerPoint, etc.) to support effective communication and collaboration across a national team
- Designed, tested, and documented machine learning models for political speech classification using TensorFlow and Scikit-Learn

Fellow - Data Science Fellowship, University of California, Riverside ([Poster](#))   **Jun 2024 - Aug 2024**

- Developed a data visualization dashboard for industry partner CrawlBee
- Built custom MySQL schemas and optimized a hosted EC2-based database with monitoring through Grafana
- Attended 30+ workshops on tools such as MySQL, R, Python, and industry platforms like Arc-GIS from Esri
- Participated in symposium presentations with both experience faculty and novice guests

Projects

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

- Developed an end-to-end Web Crawler monitoring dashboard with custom API, MySQL database, and Grafana frontend.
- 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 a 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 Skills: C++, Python, HTML/CSS, SQL, R, JavaScript, C#, React, ExpressJS, Microsoft Office, Technical Documentation
Soft Skills: Collaboration, Communication, Problem Solving, Agile Methodology, Analytical, Time Management