CHRISTIAN SANTOS

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SKILLS

Languages	Python, Scala, Java, Javascript
Data	Airflow, Spark, MongoDB, PostgreSQL, Hive, Ray, Hadoop, Docker, Nifi
Cloud	Google Cloud Platform (Dataproc, GCS), AWS (S3, Cost Explorer, EC2)
Other	Node.js, Django, React, Marketo

EXPERIENCE

Walmart Global Tech   Jul 2023 - Present
Software Engineer III - Data   *Sunnyvale, CA*

- Working on Walmart B2B Data Platform Team as a data engineer
- Focus on marketing technology, development of data pipelines and advertising automation
- Main point of contact for Marketo and prospect marketing
- More points as time goes on

Western Digital   Jul 2022 - Jul 2023
Software Engineer - Data Analytics   *Milpitas, CA*

- Spearhead the development of a cross-team optimization engine framework from scratch
- Deploy and maintain around 20 subscriptions for various reports that monitor on-prem and cloud costs / usage
- Generate automated pipelines to scrape over 100,000 data points daily from multiple sources into data lakes
- Design and maintain multiple dashboards to improve end-user visibility to monitor license cost/usage on demand
- Utilize AWS to develop comprehensive cost and usage reports, driving data-driven decision-making and optimizing resource allocation for improved operational efficiency
- Leverage AWS to efficiently store and analyze data using S3 buckets, extracting valuable insights that informed data-driven decision-making processes to optimize job scheduling in the cloud

Union Pacific   May 2021 - May 2022
Software Engineering Intern   *Omaha, NE*

- Maintained and developed upwards of 25 major REST and CRUD services using Java and Spring Boot
- Collaborated across 2 major teams to create services that bridge the information gap between applications
- Modified and implemented UI features for Terminal mobile application using Angular
- Increased automated unit test coverage from 32% to 93% in business-critical repositories
- Led major codebase rewrites on 2 critical codebases, reducing technical debt, increasing performance, and improving future maintainability and scalability

San Jose State University   Feb 2020 - May 2021
Research Assistant - Bioinformatics   *San Jose, CA*

- Designed scripts to analyze over 1500 protein clusters for possible and confirmed allosteric switches
- Worked in a team of 3 to update, repair, and optimize existing code base to improve performance
- Dockerized protein analysis scripts for easy setup on any device, reducing the amount of time spent on setup and increasing team efficiency
- Conducted exploratory analysis on results using AI techniques, generating insights into significant trends and pattern

Oath   May 2018 - Jul 2018
Technology Intern   *Sunnyvale, CA*

- Tutored 20 peers with understanding JavaScript concepts such as objects, closure, and functional programming
- Led team of 5 to develop mobile-ready web application revolving around the theme of inclusion
- Developed work-flow charts and diagrams using Agile/Scrum methodologies to ensure production team compliance with deadlines
- Conducted smooth site launch and received a commendation from supervisors for leadership and technical skills

EDUCATION

B.S. Computer Science, San Jose State University   2022
Magna Cum Laude, Phi Kappa Phi Honor Society, Dean's List, President's Scholar Recipient