Christopher Di

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Education

University of California, Berkeley — Berkeley, CA

Bachelor of Arts in Data Science — *Class of 2026*

Relevant Coursework: Data Structures, Artificial Intelligence, Data Mining Algorithms, Data Engineering, Foundations of Data Science, Cybersecurity Fundamentals, Network Security, Ethical Hacking, Cisco Networking

Experience

Zoom — San Jose, CA

Data Science Intern — *May 2025 – Aug. 2025*

- Drove the execution of targeted upsell campaigns and leveraged Snowflake to model churned Pro & Business user data for a multilingual FIFA themed lifecycle strategy, increasing user engagement by 27%
- Performed behavioral analysis on AI Companion and Docs usage data and utilizing statistical patterns to transform raw data into actionable product roadmaps and influence quarterly feature adoption strategie
- Boosted conversion potential by generating free user segmentation models in Databricks to identify upgrade clusters, enabling the automated delivery of personalized recommendations based on predictive usage triggers
- Optimized data retrieval workflows by structuring raw usage datasets within Snowflake and Databricks and reduced manual data mining time and accelerating product decisions

IBM — San Jose, CA

Software Engineer Intern — *May 2024 – Aug. 2024*

- Engineered an automated feedback loop that parsed Jenkins build logs and injected error diagnostics into Git comments, eliminating manual triage for software engineers and reducing deployment issues by 19%
- Developed a Markdown linting engine to automate syntax validation and enforce documentation standards
- Increased developer efficiency by unifying Markdown diagnostics with the Jenkins pipeline, creating a CI/CD feedback system that covers both build and formatting errors directly within the pull request
- Streamlined version pushes through Shell scripts and Jenkins pipelines to automate triggers, reducing platform switching and ensuring code merges

ASU — Tempe, AZ

Data Science Intern — *Apr. 2021 – May 2022*

- Optimized resource allocation strategies by developing data models in Excel to analyze demographic COVID-19 datasets and identify key disparities used to propose equitable healthcare distribution methods
- Collaborated with Professor DW Wang to transform raw data into structured technical insights and deliver data-driven findings for stakeholder review

Projects

Free User Potential Product Usage | *Python, PostgreSQL*

- Engineered scalable SQL pipelines in Snowflake and Databricks to process high-volume behavioral data, using segmentation models that identified conversion clusters and automated workflows
- Optimized data warehouse performance by designing schemas/queries and transforming data into actionable diagnostic datasets that surfaced UX technical blockers and accelerated engineering UI turnaround by 13%

Markdown Lint Tool/Git Auto Comment | *Python, Bash, Git*

- Created a Python linting engine integrated with Jenkins and Bash to validate Markdown and syntax standards, surface code violations, and enforce documentation quality during the pre-commit stage.
- Automated a Git-integrated automation tool using Shell and timestamps to intercept raw Jenkins build logs and inject failure diagnostics as real-time pull request comments, eliminating manual error triage for the engineering team

Skills

Tech Skills: Python, Java, JavaScript, HTML, CSS, Cisco, SQL, Scheme, Cybersecurity, Pandas, JupyterLab, Bash, Jenkins, C++, React, Snowflake, Databricks, Excel, A/B testing, Regression, Clustering, Metrics Design

Certifications: CompTIA ITF+ Fundamentals, Cyber Defense Certification