

JOHNNY DO

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EDUCATION

University of California, Irvine

Irvine, CA

Bachelor of Science in Computer Science, Minor in Statistics

Expected June 2026 (eligible to begin full-time by July 2026)

- **Relevant Coursework:** Data Structures & Algorithms, Databases, Object-Oriented Programming, Software Testing, Statistics, Data Analysis, Artificial Intelligence, Machine Learning, Operating Systems

- **Awards/Accomplishments:** 4x Deans Honor List, Best Use of Melissa API and Datasets (IrvineHacks 2024)

EXPERIENCE

Software Engineering Intern – Data & Analytics

August 2024 – Present 2026

UC Irvine Graduate Division - Data Management Team

Irvine, CA

- Designed, implemented, and maintained production relational database schemas in MS SQL, supporting analytics and reporting workloads
- Leveraged SQL and Python to extract & analyze **6,000+ graduate student records**, visualizing insights in Tableau
- Applied text preprocessing and LDA topic modeling to categorize survey responses and surface key themes

Data Analyst Intern – Business Intelligence (Content & Programming Insights)

June 2025 – October 2025

Paramount (Pluto TV)

West Hollywood, CA

- Leveraged SQL to analyze campaigns and present insights to stakeholders, shaping strategy for future campaigns
- Collaborated cross-functionally (content, marketing, finance) on ad-hoc analyses, uncovering trends & growth opportunities
- Engineered a Python-BigQuery pipeline using REST APIs and fuzzy matching to enrich **100K+ titles** with new metadata
- Designed a joinable episode-level partner attribution table and built an **ETL pipeline** using **Airflow** and SQL to automate daily runs of 50M+ records, **reducing query costs by 81%**
- Designed and developed a series-level retention dashboard leveraging new acquired-user cohort definitions, reducing manual analysis time and uncovering series driving the highest downstream engagement

EXTRACURRICULARS

Corporate Organizer

November 2024 – June 2025

VenusHacks

Irvine, CA

- Led a team of 3 in the Prizes and Budget Subcommittees, coordinating sponsor prize allocations and tracking funding logistics for Irvine's largest women-centric hackathon (300+ attendees)
- Spearheaded outreach to 40+ potential sponsors; pitched partnership value via tailored presentations and follow-ups

WasteNot

April 2024 – May 2024

UC Irvine ANTreprenuer Center Sustainability Challenge

Irvine, CA

- Collaborated with a **team of 3 others** and developed Wastenot, a sustainable waste management solution
- Competed for over **\$60,000 in prizes** and gained valuable experience in project management and business development

PROJECTS

Stock Market Real-Time Data Engineering Project | Python, Apache Kafka, AWS EC2, S3, Glue, Athena

July 2025

- Built a real-time stock market streaming pipeline with Kafka on AWS EC2, simulating live trade events
- Stored results in Amazon S3 with AWS Glue for Athena queries

Tennis Performance Prediction and Analysis Project | Python, NumPy, Pandas, scikit-learn, Jupyter

July 2024

- Developed a machine learning multiple linear regression model using scikit-learn to predict tennis player performance
- Performed EDA on **1,700+ matches**, identifying trends, handling missing data, and treating outliers

Resify (IrvineHacks 2024) | React, Next.js, Tailwind CSS, Typescript, MongoDB, Melissa API, Python

January 2024

- **Awarded 1st Place** for Best Use of Melissa API & Data Sets among **400+ participants** at IrvineHacks 2024
- Developed security web app for homeowners to authenticate property for future tenants utilizing event sponsor Melissa API

TECHNICAL SKILLS

Languages: Python, SQL, R, HTML, CSS, Java

Frameworks/Libraries: NumPy, Pandas, Matplotlib, Scikit-learn

Tools & Technologies: AWS (S3, EC2, Glue, Athena), Data Warehouse(Bigquery), Airflow, Tableau, PostgreSQL, Jupyter Notebook, Google Suite, Microsoft Office, Jira