JOHNNY DO

714-468-8415 | dojohnny847@gmail.com | linkedin.com/in/johnnydouci/ github.com/johnnnydo

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
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 ANTrepreneur 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