

# JOHNNY DO

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## EDUCATION

<b>University of California, Irvine</b> <i>Bachelor of Science in Computer Science, Minor in Statistics</i>	Irvine, CA <i>Expected June 2026 (eligible to begin full-time by July 2026)</i>
<ul style="list-style-type: none"><li><b>Relevant Coursework:</b> Data Structures &amp; Algorithms, Databases, Object-Oriented Programming, Software Testing, Statistics, Data Analysis, Artificial Intelligence, Machine Learning, Operating Systems</li><li><b>Awards/Accomplishments:</b> 4x Deans Honor List, Best Use of Melissa API and Datasets (IrvineHacks 2024)</li></ul>	

## EXPERIENCE

<b>Software Engineering Intern – Data &amp; Analytics</b> <i>UC Irvine Graduate Division - Data Management Team</i>	August 2024 – Present 2026 Irvine, CA
<ul style="list-style-type: none"><li>Designed, implemented, and maintained production relational database schemas in MS SQL, supporting analytics and reporting workloads</li><li>Leveraged SQL and Python to extract &amp; analyze <b>6,000+</b> graduate student records, visualizing insights in Tableau</li><li>Applied text preprocessing and LDA topic modeling to categorize survey responses and surface key themes</li></ul>	

  

<b>Data Analyst Intern – Business Intelligence (Content &amp; Programming Insights)</b> <i>Paramount (Pluto TV)</i>	June 2025 – October 2025 West Hollywood, CA
<ul style="list-style-type: none"><li>Leveraged SQL to analyze campaigns and present insights to stakeholders, shaping strategy for future campaigns</li><li>Collaborated cross-functionally (content, marketing, finance) on ad-hoc analyses, uncovering trends &amp; growth opportunities</li><li>Engineered a Python–BigQuery pipeline using REST APIs and fuzzy matching to enrich <b>100K+</b> titles with new metadata</li><li>Designed a joinable episode-level partner attribution table and built an <b>ETL pipeline</b> using Airflow and SQL to automate daily runs of 50M+ records, <b>reducing query costs by 81%</b></li><li>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</li></ul>	

## EXTRACURRICULARS

<b>Corporate Organizer</b> <i>VenusHacks</i>	November 2024 – June 2025 Irvine, CA
<ul style="list-style-type: none"><li>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)</li><li>Spearheaded outreach to 40+ potential sponsors; pitched partnership value via tailored presentations and follow-ups</li></ul>	

  

<b>WasteNot</b> <i>UC Irvine ANTrepreneur Center Sustainability Challenge</i>	April 2024 – May 2024 Irvine, CA
<ul style="list-style-type: none"><li>Collaborated with a <b>team of 3 others</b> and developed Wastenot, a sustainable waste management solution</li><li>Competed for over <b>\$60,000 in prizes</b> and gained valuable experience in project management and business development</li></ul>	

## PROJECTS

<b>Stock Market Real-Time Data Engineering Project</b>   <i>Python, Apache Kafka, AWS EC2, S3, Glue, Athena</i>	July 2025
<ul style="list-style-type: none"><li>Built a real-time stock market streaming pipeline with Kafka on AWS EC2, simulating live trade events</li><li>Stored results in Amazon S3 with AWS Glue for Athena queries</li></ul>	
<b>Tennis Performance Prediction and Analysis Project</b>   <i>Python, NumPy, Pandas, scikit-learn, Jupyter</i>	July 2024
<ul style="list-style-type: none"><li>Developed a machine learning multiple linear regression model using scikit-learn to predict tennis player performance</li><li>Performed EDA on <b>1,700+ matches</b>, identifying trends, handling missing data, and treating outliers</li></ul>	

  

<b>Resify (IrvineHacks 2024)</b>   <i>React, Next.js, Tailwind CSS, Typescript, MongoDB, Melissa API, Python</i>	January 2024
<ul style="list-style-type: none"><li><b>Awarded 1st Place</b> for Best Use of Melissa API &amp; Data Sets among <b>400+ participants</b> at IrvineHacks 2024</li><li>Developed security web app for homeowners to authenticate property for future tenants utilizing event sponsor Melissa API</li></ul>	

## TECHNICAL SKILLS

<b>Languages:</b> Python, SQL, R, HTML, CSS, Java
<b>Frameworks/Libraries:</b> NumPy, Pandas, Matplotlib, Scikit-learn
<b>Tools &amp; Technologies:</b> AWS (S3, EC2, Glue, Athena), Data Warehouse(Bigquery), Airflow, Tableau, PostgreSQL, Jupyter Notebook, Google Suite, Microsoft Office, Jira