

Ryandeep Singh Chawla

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EDUCATION

University of California, Davis

Davis, CA

B.S. in Statistics: Statistical Data Science

September 2019 - June 2023

GPA: 3.8 Dean's Honor List: Fall Quarter 2019, Winter Quarter 2020, Spring Quarter 2021

EXPERIENCES

Deloitte Consulting

Sacramento, CA

AI and Engineering Consultant

June 2025 – Present

Business Technology Solutions Analyst

July 2023 – May 2025

- Owned cross-functional delivery for **four \$800K+ enterprise platform releases annually**, aligning business, operations, engineering, and QA teams to execute high-priority initiatives and deliver against critical program success criteria.
- Built **dashboards and operating trackers** to monitor KPIs, delivery risks, and dependencies, enabling leadership to prioritize workstreams and make faster decisions across concurrent initiatives.
- Translated **ambiguous policy and regulatory requirements** into structured business and technical requirements, leading **20+ stakeholder working sessions** to align priorities, clarify trade-offs, and drive execution across cross-functional teams.
- Analyzed **millions of records using SQL** to identify root causes of duplicate customer notices, recommending process improvements that reduced redundant outreach by **20%**.
- Partnered across product, engineering, and operations to strengthen **deployment readiness and execution quality**, reducing pre-production defects by **30%** on customer-facing releases.
- Innovated a **0-to-1 voice-enabled AI solution**, taking an agentic chatbot from concept to live MVP in under **30 days** by coordinating requirements, technical workflows, and stakeholder feedback.
- Scaled a cross-functional delivery organization from **5 to 40+ engineers** by defining execution roadmaps, team operating cadence, and scalable delivery processes to support growth in a fast-paced project.
- Designed an **AI-enabled insights platform** integrating retrieval-augmented generation and external market intelligence sources, improving access to real-time information and supporting faster strategy and decision-making discussions.

Badger Maps

San Francisco, CA

Product Data Analyst Intern

September 2022 – March 2023

- Analyzed **200,000+ user records in PostgreSQL** to quantify gas savings potential, uncovering **20% average savings (\$71 per user)** and informing customer value messaging and cost-saving initiatives.
- Partnered with product managers and engineers to analyze **product engagement patterns** using Python, identifying adoption opportunities that informed rollout decisions and drove a **30% lift in usage** of route optimization tools.
- Led a **pricing strategy assessment** in R to model customer behavior across pricing tiers, recommending a **5% pricing adjustment** that improved retention and supported revenue growth.

Institute of Transportation Studies

Davis, CA

Data Entry Assistant

April 2022 – July 2023

- Designed and implemented a **scalable data cleanup workflow** that improved query efficiency by **45%** and enabled more reliable reuse of high-volume datasets across multiple research projects.
- Standardized and structured a dataset of **100K+ research papers** using ITS Database and Excel, significantly improving searchability and accelerating access to information for academic teams.

TECHNOLOGIES

Strategy & Operations: Business Operations, Strategic Planning, KPI Development, Stakeholder Management, Cross-Functional Leadership, Process Improvement, Pricing Analysis

Analytics: SQL, Python, R, Excel, Data Visualization, A/B Testing, Business Intelligence

Tools & Platforms: PostgreSQL, SQLite, JIRA, Azure DevOps, Retool, ServiceNow, Azure, AWS Bedrock, API Integrations