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*

- **Led cross-functional delivery of four $800K+** platform enhancement releases annually, aligning business, operations, engineering, and QA teams to execute high-priority initiatives supporting statewide program outcomes.
- **Built executive-ready dashboards** and operating trackers to surface KPIs, delivery risks, and dependencies, enabling leadership to prioritize initiatives and make faster decisions across concurrent workstreams.
- **Translated ambiguous policy and regulatory changes** into structured business requirements, leading 20+ stakeholder working sessions to align on priorities, clarify trade-offs, and improve sequencing across strategic initiatives.
- **Owned quantitative analyses** across millions of records in SQL to identify root causes of duplicate customer notices, recommending process enahcements that reduced redundant outreach by 20%.
- **Partnered across product, engineering, and operations** to improve launch readiness and execution quality, reducing pre-production defects by 30% on consumer-facing releases.
- **Incubated a 0-to-1 AI-enabled internal research tool**, taking a voice-enabled agentic chatbot from concept to live MVP in under 30 days to support insight generation and internal decision-making.
- **Helped scale a cross-functional product team** from 5 to 40+ engineers by defining execution roadmaps, team operating cadence, and delivery processes to strengthen organizational capacity.
- **Designed an AI-enabled insights platform** integrating retrieval-augmented generation and external market intelligence sources, improving access to real-time information for internal strategy discussions.
- **Standardized documentation and onboarding processes** to accelerate ramp-up for analysts and reduce reliance on senior team members while maintaining delivery speed.

Badger Maps **San Francisco, CA**
Product Data Analyst Intern *September 2022 – March 2023*

- **Analyzed over 200,000 user records** in PostgreSQL to quantify gas savings potential, uncovering a 20% average savings ($71 per user) that influenced cost-saving initiatives.
- **Partnered with PMs and engineers** to uncover engagement patterns via Python analytics, directly informing product rollout decisions and driving a 30% lift in usage of route optimization tools.
- **Led a pricing strategy assessment** using R to simulate customer behavior under different pricing tiers; recommended a 5% adjustment that improved retention and grew revenue KPIs.

Institute of Transportation Studies **Davis, CA**
Data Entry Assistant *April 2022 – July 2023*

- **Designed and deployed a scalable data cleanup workflow** that boosted query efficiency by 45% and enabled consistent reuse of high-volume datasets across multiple research projects.
- **Standardized and structured** a dataset of 100K+ online research papers using ITS Database and Excel, significantly enhancing searchability and accelerating access 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