

Kyle T. Dang

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Education

San Jose State University | San Jose, CA

B.S. Business Administration, Management Information Systems | GPA: 3.84 | President's Scholar

Relevant Coursework: Introduction to Python, Introduction to SQL, Database Management Systems, Systems Analysis & Design, Networking & Data Communications, Statistics, MIS Practicum, Cybersecurity, Agentic AI

Technical Skills

Data & analytics: Python (Pandas, NumPy, Matplotlib, Seaborn, scikit-learn), SQL, Excel (Pivot Tables, Dashboards), Tableau

AI & systems: LangGraph, OpenAI API, Retrieval Augmented Generation RAG, Vector Stores, FastAPI, Salesforce CRM

Platforms: GitHub, JupyterLab, Google Colab, Notion, JavaScript

Methodologies: Agile, Scrum, SDLC, Entity Relationship Modeling, Project Management

Professional Experience

Healthcare Data Analyst(Volunteer)| Dr. Kumo | San Jose

Jun 2022 – Present

- Analyzed patient vital data (40–60 patients per session) using Excel and Python to identify trends and support clinical decision-making.
- Automated health summary reporting in Python, flagging abnormal patterns, and reducing manual review workload for medical staff.
- Structured and maintained longitudinal patient datasets, improving data accuracy and enabling efficient tracking of health trends over time.

System Analyst & UX Consultant (Volunteer) | Santa Cruz County Volunteer Center | San Jose

Aug 2025 – Dec 2025

- Conducted UX and system audit of a Salesforce-based volunteer platform used by 300+ nonprofit partners, identifying accessibility and usability gaps.
- Produced redesign documentation, including wireframes, WCAG 2.1 accessibility improvements, and navigation restructuring to enhance user experience.
- Delivered recommendations directly to stakeholders, aligning system improvements with user needs and platform scalability.

Platify Meal Recommendation App | Founder & Developer | San Jose

May 2026 - Present

- Developing a React Native meal recommendation app using live restaurant, nutrition, and AI APIs to personalize meal suggestions for users with dietary restrictions.
- Built filtering and ranking logic to match meals with user calorie goals, allergens, and nutrition preferences.
- Structured and managed 2,400+ meal entries across 140+ restaurant chains to improve recommendation quality and app scalability.
- Integrated Google Places, FatSecret, Supabase, and Claude AI APIs to support real-time restaurant and nutrition data.

Project Experience

IBM Telecom Churn Analysis | Data Analyst

Feb 2026 – Apr 2026

- Analyzed 7,000+ customer records using Python (Pandas, Seaborn) to identify key churn drivers across contract types and payment behaviors, enabling targeted retention strategy insights.
- Built an automated ETL pipeline for data cleaning and feature engineering, ensuring consistent, model-ready datasets and reducing manual preprocessing effort.
- Identified high churn risk among month-to-month contracts and electronic check users, informing data-driven recommendations for improving customer retention.

Online Retail Sales Analysis | Data Analyst

Feb 2026 – Mar 2026

- Analyzed 500K+ transaction records using Excel (data cleaning, transformation, pivot tables) to uncover revenue drivers across customers, products, and seasonal trends.
- Discovered revenue concentration where top customers and products generated disproportionate sales, highlighting business dependency risks and opportunities for diversification.
- Developed an interactive Tableau dashboard to track KPIs and support decision-making in inventory planning, marketing strategy, and product prioritization.