

NISHKARSH SHAH

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EDUCATION

San Jose State University

B.S. Engineering Technology (Computer Network System Management) | Minor: Business

Fall 27'

Coursework: Python Programming, Machine Learning, [Public Speaking](#), Logic & Critical Reasoning, IoT Systems

WORK EXPERIENCE

Peer Academic Success Coach

University Housing Services, SJSU

Part-time

Aug 2026 - Present

- Coach BUILD residents on study strategies and academic goal-setting
- Connect residents to campus resources and help plan academic and career workshops

Summer Conference Assistant

University Housing Services, SJSU

Part-time

May 2026 - Aug 2026

- Manage reservations and payment records for summer conference guests
- Use Excel and Google Docs to maintain accurate guest records

Social Media Intern ([Appreciation Letter](#))

Nova Software Studios (eFootballHUB)

Remote

May 2021 - December 2021

- Managed a 65K+ member Discord community and supported partner engagement
- Developed the Squad Value Calculator for eFootballHUB, an app with 1M+ downloads

PROJECTS

Football Player Market Value ML Project

Aug 2026

Personal Project | [GitHub](#)

- Built a pandas pipeline across player profiles, match appearances, and historical valuations from seven European leagues
- Engineered age, appearances, goals, assists, minutes, and market value; filtered player-seasons to at least 450 minutes
- Used 2016/17-2022/23 for training and 2023/24-2025/26 for forward-looking testing
- Compared Model V1-V4 with Linear Regression, log-transformed targets, previous-season value, and Random Forest
- Test Mean Absolute Error (MAE) improved from €8.16M to €7.53M, €3.72M, and €3.29M across successive models

E-Commerce Decision Intelligence Platform

Sep 2026 - Present

Personal Project | [GitHub](#)

- Built a 9-table PostgreSQL database for Olist marketplace data
- Loaded 99K+ orders and 112K+ items
- Analyzed revenue, AOV, and pricing with SQL
- Developing Python and pandas analyses of customer behavior, delivery, and satisfaction
- Analyzed \$16.0M in customer payment value and an overall AOV of approximately \$160.99

School Database Management System

Jan 2023

Class Project

- Collaborated with a classmate using Python and MySQL for data connectivity
- Designed management systems supporting record insertion, deletion, retrieval, and display

ONLINE COURSES & CERTIFICATIONS

Tableau Desktop Specialist

Tableau Software Inc.

CS50 - Introduction to Python Programming

Harvard University

SKILLS

Programming & Databases: Python, SQL, PostgreSQL, MySQL, Relational Data Modeling

Data Methods: pandas, scikit-learn, Data Cleaning, Feature Engineering, Regression, Model Evaluation

Tools: Git/GitHub, Tableau, VS Code, ChatGPT

Soft Skills: Collaboration, Problem Solving, Professional Communication, Teamwork