

Sonali Singh

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As a data science major, I am motivated to apply my technical skills to accounting, where financial data becomes a foundation for meaningful decision-making. I view accounting infrastructure as decision infrastructure, and when combined with AI, it becomes a critical function in any company.

EDUCATION

University of California, San Diego (UCSD)

San Diego, CA

Bachelor of Science in Data Science, Minor in Business Economics

Expected March 2027

Relevant Coursework: Financial Accounting, Managerial Accounting, Business Economics, Probability & Statistics, Data Structures & Algorithms, Machine Learning, SQL, Econometrics, Python, C++

WORK EXPERIENCE

Al-Amin Group

Dhaka, Bangladesh (remote)

Business Analyst Intern

Sept 2025 – Dec 2025

- Analyzed several months of sales and expense data in SQL and Excel to support the finance team's monthly reporting, surfacing trends that fed into budget reviews.
- Built a Tableau dashboard tracking departmental expenses, cutting the team's manual reporting by 3 hours per week.
- Wrote Python scripts to clean and consolidate transactional data from multiple spreadsheets, reducing prep time before each analysis.
- Presented findings in weekly check-ins, translating data into plain-language takeaways for non-technical staff.

Alpha Accounting & Tax, Inc

Encino, CA

Accounting Assistant Intern

May 2025 – July 2025

- Assisted with month-end close by reconciling accounts and preparing journal entries under GAAP, helping the team close 2 days faster. Recorded and categorized transactions in QuickBooks across accounts, keeping the ledger clean and reconciled.
- Prepared sections of the income statement and balance sheet in Excel, verifying figures for accuracy ahead of manager review.
- Applied revenue-recognition basics (ASC 606) to contracts, flagging exceptions for the senior accountant.

Las Positas College

Livermore, CA

Mathematics & Economics Teaching Assistant

Aug 2023 – May 2024

- Supported 10+ undergraduate students per semester in calculus, statistics, and microeconomics, reinforcing quantitative reasoning applicable to financial analysis, contributing to measurable grade improvements
- Simplified complex mathematical and economic concepts for diverse learners, demonstrating strong command of analytical fundamentals

EXTRACURRICULARS

UC Sustainability Metrics

Jan-March 2026

- Led a research team analyzing sustainability metrics across multiple UC campuses on how institutional sustainability benchmarks and targets are established, evaluated policy effectiveness, and synthesized findings into data-driven insights
- Conducted comparative analysis of campus performance against sustainability targets and identified factors influencing progress toward environmental goals where findings were presented to the UCSD's Synthesis department

Triton Consulting Group at UC San Diego

Market Research Analyst

Sept 2024 - Dec 2025

- Executed competitive analysis and market sizing projects through Triton Consulting Group, identifying industry trends and business opportunities to advise clients across the healthcare technology sector on growth strategy and market positioning
- Collaborated with a consulting team to synthesize qualitative and quantitative research findings into actionable deliverables for clients including MD Revolution, CARI Health, and TAG Biosciences, supporting informed strategic decision-making

ADDITIONAL

Technical Skills: Advanced Excel (pivot tables, VLOOKUP, financial modeling), QuickBooks, Python, SQL, R, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, MATLAB, Java, JavaScript, C++, Gi, Microsoft 360, Power BI or Tableau

Accounting & Finance Skills: Financial statement preparation, Bookkeeping & expense tracking, Revenue analysis & cash flow management, Budget variance analysis, GAAP fundamentals, Financial reporting & reconciliation

Data & Analytical Skills Data mining & visualization, Statistical modeling & econometrics, Machine learning fundamentals, Market sizing & competitive analysis, Primary & secondary research

Soft Skills: Attention to detail, Technical writing & documentation, Team collaboration, Data based decision-making, Client communication & presentation, Time management & deadline-driven delivery