

William Smithers

BUSINESS ANALYST · DATA-DRIVEN LEADER · STATISTICS ENTHUSIAST

San Jose, CA

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Education

California Polytechnic State University

BS in Business Administration - Information Systems

San Luis Obispo, CA

September 2022 - December 2024

- Minor in Statistics
- Learning Assistant - Statistics Department: STAT 251, STAT 252, STAT 324
- **Courses:** Database Systems, Data Structures, Applied Linear Models, Analysis of Cross-Classified Data, Statistical Programming in R, Systems Design and Analysis, Managing Technology in the International Legal Environment, Statistical Communication

West Valley College

AA Mathematics, AA Economics, AS-T Business Administration

Saratoga, CA

August 2020 - May 2022

- Summa Cum Laude, Fang Pei Che Endowment Scholar, Vice President - Associated Student Government

Work Experience

Low Income Taxpayer Clinic - California Polytechnic State University

Legal Intern/IS Manager

San Luis Obispo, CA

April 2024 - Current

- Client case manager, financial accountant, and assistant to the executive director, Elizabeth Sperow, JD.
- Draft Power of Attorney (POAs), legal memos, client briefs, Offer in Compromise (OICs), and IRS Grant Reporting Documentation.
- Collect and process client financial documents, IRS documents, contracts, and clinic reports.
- Source, implement, test, and deploy new full-scale client management system; user permissions, database connection, SSO, and client-user configurations.
- **Technical Skills:** Legal Writing, IRS form 656, Contract Drafting, and Client Management System Development.
- **Soft Skills:** Team Management, Client Communication, and Project Facilitation/Implementation.

BDO USA, P.C.

IS Assurance Intern

San Jose, CA

June 2023 - August 2023

- Oversaw concurrent engagements for four major clients, exceeding productivity targets and delivering high-quality results under tight deadlines.
- Observed and annotated client system walkthroughs.
- Developed data reporting dashboards using PowerBI and Tableau.
- Led direct interactions with SOC 1 Type 1 and Type 2 reporting, system security management, and comprehensive system control testing.
- Fostered cross-functional collaboration across core audit, client engagement, and national IS teams.
- **Technical Skills:** Systems Auditing, MongoDB, PostgreSQL, MySQL, OracleDB, Snowflake, Advanced Data Entry.
- **Soft Skills:** Teamwork, Time Management, Data Communication, and Reporting.

Involvement and Leadership

Club Treasurer - Camp PolyHacks

California Polytechnic State University

San Luis Obispo, CA

May 2023 - June 2024

- Oversees and approves all club-related financial transactions, including sponsorship, donations, funding procurement, and internal accounting.
- Advanced in-house initiatives to increase club enrollment, corporate sponsorship, and fiscal budgeting by more than 150% of previous academic year.
- Fundraised over \$20k from Fortune 500 Companies through cold-calling and donation campaigning.

Projects

A Statistical Analysis of Crime Rates

STAT 331 - California Polytechnic State University

San Luis Obispo, CA

October 2023 - December 2023

- Analyzed national crime-rate data sourced from DATA.gov, performed high-level statistical analysis including advanced regression influence diagnostics, utilized "tidyverse" and "kable2" packages for data manipulation and visualization building.
- Built a RShiny app for county-specific crime rate visualization.
- **RStudio Packages:** tidyverse, kableExtra, car, broom, mass, lmtest, patchwork

Skills and Certificates

Programming Skills

Python (Basic familiarity with Pandas, PyTorch, NumPy, Scikit-learn. etc.), R(ggplot2 and Statistical Analysis), SQL.

Other Technical Skills

TeX(Overleaf/R Markdown/Quarto), Tableau, PowerBI, Microsoft Office, Qualtrics, Git.

Certificates

IBM Professional Data Science Certification, Lean Six Sigma Green Belt