

Nicholas Feng Schaefer

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Education

California Polytechnic State University, San Luis Obispo

M.S. Quantitative Economics

Expected - June 2024

GPA: N/A

California State University, Monterey Bay

B.S. Business Administration | Information Systems

May 2023

Magna Cum Laude - GPA: 3.857

Project Experience

Tableau Public Portfolio (<https://public.tableau.com/app/profile/nicholas.feng.schaefer>)

Technology: Tableau | Team Size: 1

- My Tableau portfolio showcases my proficiency in data analysis and visualization using Tableau. It features a range of interactive dashboards and visualizations that demonstrate my ability to turn complex data sets into easy-to-understand insights.

Customer Churn Prediction Using Random Forest (https://github.com/Nicholas1209/Machine_Learning.git)

Technology: R & MS PowerPoint | Team Size: 1

- Developed a random forest model using real-life customer data and features such as demographics, usage patterns, and billing information to predict churn. Achieved an accuracy of 79.75% on the test set. The project resulted in actionable insights and recommendations for proactive customer retention strategies.

Small Business Information System (SBIS) Development (<https://github.com/Nicholas1209/SBIS.git>)

Technology: MS Excel & VBA | Team Size: 5

- Led a team of 5 in developing a Small Business Information System (SBIS) spreadsheet that utilizes Macros, UserForms, and VBA, including an Invoice-to-Transaction function. Designed and implemented the spreadsheet to automate business processes, improve data accuracy, and increase efficiency. The project resulted in an efficient and user-friendly spreadsheet that enables businesses to streamline their operations and better manage their financial transactions.

Professional Experience

Miss Lippe's Dumpling Party - Capstone Project (<https://shorturl.at/luw09>)

February 2023 – May 2023

Business Consultant

Monterey, CA

- Collaborated with a local company as a business consultant for a capstone project, actively engaging with the owner in weekly meetings to gather insights and align research efforts with the company's goals and objectives.
- Conducted in-depth analysis of the company's internal strengths, weaknesses, as well as external opportunities and threats, resulting in a well-informed and data-driven strategic plan.
- Developed a small-scale Enterprise Resource System (ERP) using Google Sheets to establish a robust data infrastructure and streamline data entry and governance processes, resulting in enhanced data accuracy and efficiency.
- Delivered compelling presentation in front of a diverse audience, including the owner of the business and faculty members of the College of Business, showcasing strong communication and presentation skills. Concluded presentation by addressing questions and concerns of the audience.

California State University Monterey Bay, College of Business

June 2022 – May 2023

Office Assistant

Seaside, CA

- Helped with administrative support by managing incoming emails and calls.
- Completed clerical tasks such as filing, printing, copying, and distributing mail.
- Streamlined administrative processes by automating the inventory reorder system.
- Greeted incoming office visitors, answered questions, and directed individuals to office locations.
- Kept classrooms clean, neat, and properly sanitized for student health and classroom efficiency.

Volksbank Rhein-Lahn Limburg

June 2019 – August 2019

Summer Intern

Limburg, Germany

- Collaborated in every major division of the bank for approximately two weeks to gain a broad understanding of how banks work.
- Interacted with customers at the front desk, deposited money, oversaw and cleared money transfers, updated customer information, and looked through business plans.

Skills and Certifications

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|-----------------------|---|
| Programming | Python, R, VBA, SAS |
| Web & Query Languages | SQL, HTML, CSS |
| Tools | MS Excel, Tableau, SAP S/4 HANA, Adobe Dreamweaver, JMP |
| Hard Skills | A/B testing, Machine Learning, Pricing Models, Conjoint Analysis, Marketing Mix Model, Hypothesis Testing |
| Languages | English, German, and Mandarin |
| Certifications | Google Advanced Data Analytics Professional Certificate |