Nicholas Feng Schaefer

(415) 962-6487 | nicholas.feng.schaefer@gmail.com | www.linkedin.com/in/nfs2000 | https://nicholas1209.github.io./

Education

California Polytechnic State University, San Luis Obispo *Expected - June 2024*
M.S. Quantitative Economics *Current GPA: 4.0*
California State University, Monterey Bay *May 2023*
B.S. Business Administration | Information Systems *Honors: Magna Cum Laude | GPA: 3.857*

Professional Experience

California Polytechnic State University, San Luis Obispo *November 2023 – Present*
Research Assistant *San Luis Obispo, CA*
- Conducted a thorough literature review, formed a summary, and addressed questions the Professor had with regard to the content.
- Played a pivotal role in proofreading and editing a 25-page paper, ensuring adherence to academic standards.
- Applied coding skills to perform data cleaning, merging, and executed multiple double machine learning models for a research project.

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 and 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, enhancing data accuracy and efficiency.
- Delivered compelling presentation in front of a diverse audience, including the business owner 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.

Project Experience

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.

Skills and Certifications

Programming	Python, R, VBA, SAS
Web & Query Languages	SQL, HTML, CSS
Tools	MS Excel, Tableau, SAP S/4 HANA, Adobe Dreamweaver, JMP
Hard Skills	Probability Theory, Estimation and Sampling Theory, Data Wrangling and Cleaning, Machine Learning
Languages	English, German (Native), and Mandarin (Native)
Certifications	Google Advanced Data Analytics Professional Certificate