Julian Stephan Rippert

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Education

University of California, Berkeley – Master of Information and Data Science   **Spring 2024 (Anticipated)**
Relevant Courses: Applied Machine Learning; Statistics for Data Science; Data Engineering

University of the Pacific – Bachelor of Finance & Management Information Systems   **2022**
Activities: NCAA D1 Golf, Pacific Legals Scholars, Freshman Honors Program, Student-Athlete Council

Projects

New York Apartment Prices – Regression Model, *Team-Project, UC Berkeley*   **2022**
- Constructed a regression model to predict apartment prices while incorporating feature engineering, data cleaning, and model validation. Performance of model on test data set resulted in R^2 score of 0.77.

Food Delivery Route Optimization – Graph Database, *Team-Project, UC Berkeley*   **2022**
- Built a Neo4j graph database from a graph stored in 3NF. Calculated geodesic distance and areas, and mapped population data by zip code to those areas. Utilized all pairs shortest path algorithm and page rank algorithm to optimize delivery routes and plan distribution centers.

analytics.usa.gov Exploratory Data Analysis, *Team-Project, UC Berkeley*   **2022**
- Conducted an exploratory data analysis with visualizations of US government website data to identify user trends among traffic data and download data using NumPy and Pandas.

Skills and Tools

- Python (NumPy, Pandas, Matplotlib, Seaborn), ML (Tensorflow, Keras, SKlearn), C++, SQL (PostgreSQL), R, NoSQL
- Git/GitHub, Jupyter notebooks, Visual Studio, RStudio, AWS, LINUX CLI, Neo4j

Experience

Deloitte & Touche LLP (Analytics & Technology Group)   **Los Angeles, CA**
Senior Consultant   June 2021 – Present
- Strengthened TMT client's data privacy policy onboarding process to reduce regulatory (and 3rd party) violations, by ensuring code locks were appropriately blocking Ads Signals from being used downstream prior to consent. Ensured continuous testing of data leakage was functioning.
- Collaborated with a global Technology company to optimize ML models by re-assessing model rules for entities in violation of messaging thread policies resulting in enforcements on 3-4k entities daily.

Deloitte & Touche LLP (Risk & Financial Advisory Group)   **San Francisco, CA**
Consultant   July 2019 – June 2021
- Developed a new operational strategy for the Wealth management division of a bank to handle and authenticate wire transfer requests due to a recent $8m wire fraud incident.
- Consulted with leadership of an InsureTech client for an IPO-Readiness assessment, to define operational & IT governance before IPO filing. The client successfully filed in mid-2021.

Cisco Systems, Inc.   **Amsterdam, Netherlands**
Intern   June 2018 – August 2018
- Pitched a corporate strategy to shift Cisco's products to a recurring revenue model to stabilize the firm's cash flow and earned 1st prize as part of the final intern completion.

Eberhardt Investment Fund   **Stockton, CA**
Junior Analyst   January 2018 – May 2018
- Performed a long/short strategy across various equity sectors in alignment with our tactical asset allocation which increased the total value of the fund by 27%. Responsible for the industrials sector holdings.

Miscellaneous

- Invited talk: *Strengthening Governance in AI/ML, 2/16/23* - Meta. Menlo Park, CA