AMIR GRUNHAUS

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EDUCATION

University of California, Berkeley   August 2019 - May 2023
Bachelor of Arts, Double Major in Data Science and Economics
Relevant Coursework: Foundations of Data Science, Computational Structures in Data Science, Data Structures,
Principles & Techniques of Data Science, Probability for Data Science, Data Mining and Analytics, Linear Algebra,
Econometrics, Economics Research, Introduction to Machine Learning and Data Analytics

SKILLS

Programming: Python (numpy, pandas, matplotlib, scikit-learn, keras), SQL, Java, R
Tools: Tableau, Excel, Stata, AWS
Languages: Spanish (fluent), English (fluent), Hebrew (fluent)

WORK EXPERIENCE

Honda Development & Manufacturing of America   Berkeley, CA
Undergraduate Data Analyst   January 2023 – Present
- Develop business intelligence dashboard for telematics data at a trip and fleet level utilizing Python, SQL, geospatial analysis, and cloud computing with AWS sagemaker
- Organize data into queryable relational database to streamline data analysis
- Collaborate with cross-functional team to clean, organize, and analyze data, contributing to research and development of mobility and energy solutions

Guidepoint   San Francisco, CA
Associate Intern   June 2022 – August 2022
- Identified and sourced recruits for Guidepoint's network of expert advisors in 150 industries through CRM software
- Constructed statistical metrics to design effective outreach program, increasing recruit response rate by 8%
- Increased clients' advisor utilization rate from 50% to 67% by developing recruitment strategies in collaboration with cross-functional teams of Project Managers and Associates

EDGE in Tech Initiative   Berkeley, CA
Research Data Scientist   August 2021 – December 2021
- Performed statistical analysis to identify trends in the representation of disadvantaged students in STEM majors and proposed potential interventions to increase inclusivity in pre-requisite courses
- Consolidated data from three sources into main database of over 100,000+ students and used Python libraries to generate data report visualizing educational disparities in STEM courses
- Presented long-term action plan to UC Berkeley faculty, deans, and administrators to increase retention rates for under-included students in prerequisite STEM courses by 7%

Berkeley Investment Group   Berkeley, CA
Equity Research Analyst   January 2021 – December 2021
- Executed financial and risk analysis by researching markets, generating financial forecasts, and creating competitive profiles for companies under coverage
- Collaborated with fellow analysts to research and pitch potential investments by using valuation techniques such as multiples and discounted cash flow models
- Selected for 6-month extensive intern program covering accounting, financial modeling, and company valuation

Spendl   Tel Aviv, Israel
Data Science Intern   May 2021 – August 2021
- Developed KPI dashboard featuring geographic, chronological, and user metrics by visualizing and modeling transactional data to gain insights into customer behavior and drive business growth
- Processed geospatial data and developed real-time interactive map by using Python's bokeh and GeoPandas libraries to design geodemographic segmentation marketing strategy
- Conducted daily CRM data analytics to assist with customer retention goals

PROJECTS

Fantasy Premier League (FPL) Prediction Model   August 2022
- Developed machine learning model to predict player performance in English Premier League soccer matches using Python's scikit-learn library
- Utilized feature engineering and cross-validation techniques to improve model accuracy
- Cleaned and extracted data from database of 139,500 entries to make predictions and optimize player-selection process