GABRIEL ALON

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EDUCATION

University of Michigan   Estimated May 2023
Masters in Applied Data Science   Remote Program, Part-Time Student

University of California, San Diego   Graduated 2019
Bachelor of Science in Management Science

PROFESSIONAL EXPERIENCE

McD Tech Labs (Purchased by IBM) | Mountain View, California   June 2019 – July 2021
Senior Data Scientist
- Coded evaluation metrics in Python and SQL and annotated the causes of prediction failures for food ordering A.I
- Wrote performance reports and product requirements for engineering leadership using data science findings
- Coded Python performance outlier monitoring for a vision neural network used for customer readiness in Amazon Redshift
- Coded SQL dashboards in Superset to investigate individual features and end to end model performance across neural networks

Pure Storage | Mountain View, California   Summer 2018
Intern, Marketing Data Science
- Managed Tableau reports on web marketing spending and its impact on acquiring new clients.
- Doubled attributed prospect profiles across databases with fuzzy string matching; strategy was adopted by Sales and Marketing
- Tracked website and internal search engine analytics on the search term to content conversion process using Adobe Analytics

DealSumm | Palo Alto, California   Summer 2017
Marketing Analytics
- Excel and Hubspot email marketing analytics and sales development for a machine learning lease contracts platform
- Product marketing, customer outreach and demos to firms

Model N | Redwood City, California   Summer 2016
Market Research Analyst
- Salesforce analytics and a competitive landscape report of the top 50 Pharma companies used to advise the CEO and the Board prior to the acquisition of their main competitor Revitas
- Software product marketing with Salesforce data as well as interviews with management and consultant market research reports

WeFi | Tel Aviv, Israel and Palo Alto, California   July 2015 - January 2016
Data Analyst
- SQL, Tableau, and Excel reports on proprietary mobile app usage patterns from a dataset of 1 million Android phones
- Analysis quoted by Venturebeat.com in an article titled "Attention Shoppers: Shopping with a store app…"
- Reports informed investors prior to Square's IPO, and analyzed the effect of Clash of Clans' Ads on the Super Bowl.

RESEARCH

Stanford Professional Program Reading Group
Neural Network Researcher   July 2021 – March 2022
- Co-authored a research paper on the use of transformer neural networks for text comprehension on the SQuAD dataset

Microsoft InterpretML   Oct 2018 – March 2020
Open Source Python Contributor
- Found inconsistencies with the Python feature importance graphs of the GA2M model and the expectations of the equations in the research paper, which invalidated its usage and statistical significance
- Discovered a mathematical inconsistency in the examples section of the paper "Purifying Interaction Effects" (Lengerich et. Al) which led to a correction being issued

SKILLS

Programming: Python, SQL, R, GitHub, AWS, Linux Terminal
Data Science: Machine learning prediction models, forecasting models, inferential and descriptive statistics
Tools: Excel, Tableau, Superset, Salesforce, Adobe Analytics