Junji Wiener

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Education

University of Colorado Leeds School of Business
Master of Science in Business Analytics - Concentration: Security, May 2020
GPA - 3.5

Thomas Jefferson University, Kanbar College of Design, Engineering & Commerce
Master of Business Administration - Concentration: Finance, July 2015
GPA - 3.3

Chestnut Hill College
Bachelor of Science - Accounting, May 2013

Projects

Denver Area Airbnb Analysis:
- Using R, analyzed the Denver Airbnb market using linear regression and created a map using the leaflet package in R to show area prices and other amenities.
- Project link - https://github.com/8Jun/Denver-AirBnb-Project

Hunter Douglas:
- Machine Learning/ predictive analytics applied to quality assurance using Python and Scikit-Learn
- Used CRISP-DM framework to build an end to end machine learning pipeline in order to identify manufacturing flaws prior to ship

E-commerce:
- Machine Learning identifying consumer behaviors related to view – cart – purchase using Scikit-Learn
- Project link - https://github.com/8Jun/E-Commerce-Shopping-Patterns

Seagate:
- Machine Learning/ predictive analytics applied to hard drive motor builds using Python and Scikit-Learn
- Used CRISP-DM framework to build an end to end machine learning pipeline in order to identify manufacturing flaws at build and test stage 1

MySQL Workbench:
- Database build to house company information and financials
- Project link - https://github.com/8Jun/SQL-Fall-2019-Project

Security Analytics Final Spring 2020 Project:
- Predictive analytics applied to net flow data using Python's Scikit-Learn, Flask App, Heroku, Docker, GCP and Git
- Project link - https://github.com/8Jun/msbx5500-spring-2020-project

Professional Experience

Dish Network   **November 2020 - Present**
Business Operations Analyst III

- Develop contact rate, call volume, and handle time forecasts using machine learning (Facebook Prophet) for data driven business decisions and to reduce call center operational costs to Dish. To date, have decreased MAPE by over 10% since implementing Prophet.
- Perform variance analysis and understand the root causes of these variances. Use this data to continuously increase forecast accuracy with a goal of getting MAPE +/- 5% across all lines of business.
- Assist in the next iteration of predictive models where we will be implementing an ensemble method to run multiple models in parallel. This will all be packaged up and architected to be run automatically on a local server weekly and the outputs will be stored in SQL/ emailed to the forecasting team.
- Streamlined the ETL process for data feeds that go into Prophet using SQL while automating the data pulls using python scripts. This helped saved a number of man hours on a weekly basis allowing the forecasting team to focus efforts elsewhere.

- Partner with business leaders across different lines of business (SlingTV, Boost Mobile, DishTV) to understand the effects of new marketing initiatives and how this will affect call center contact rate.
- Create ad hoc reports on an as needed basis using tools like Tableau, SQL, excel, etc.

Accenture **March 2016 – April 2019**
Client Financial Management Sr. Analyst
Clients: Pfizer, E.I. Du Pont De Nemours and Company

- Assist with the preparation of engagement, project, and program reporting as well as Accenture internal financial accounting processes.
- Complete quarterly internal controls checklists which were prepared for our internal and external auditors to ensure compliance with U.S. GAAP, Accenture finance policies and local statutory requirements.
- Provide value-added financial management as a business advisor to client engagement teams in order to maximize profitability.
- Executed tracking and reporting of third-party out-of-pocket expenses, hardware/software costs, and client time and expenses against program budget, and any other expense charges to program budget.
- Managed contract financials for marketing campaigns, supply chain initiatives and business technology projects.
- Standardized monthly financial reporting packages
- Led knowledge transfers and trained new CFM analysts
- Build solid relationships with the leadership teams while on both accounts.
- Personal work achievements: o At DuPont and Pfizer, I was able to reduce overall cost (increase profitability) of multiple multi-million dollar projects through data driven analysis of resource pyramids, cost underruns, historical forecasting data and other metrics.
    - o Redesigned the DuPont account invoicing template and process using excel logical functions and macros.
    - o Managed the financials for one of the largest ever contracts in Accenture's Resource group (Dow DuPont merger). Contract contained over 900 resources and 20 work streams. This consisted of preparing and presenting monthly financial scorecards to senior management (work stream leads) and leadership (Managing Directors). Assisted Solution Architects in pricing process.

SEI Investments Company **September 2014 – March 2016**
Fund Accounting Analyst – Alternative Investments
Client: Angelo, Gordon & Co.

- Analyze and prepare cash reconciliations for each assigned fund (9 Funds total)
- Communicate effectively with clients and team members to establish a positive working relationship
- Identify and resolve any cash and position discrepancies on a timely basis
- Utilize Microsoft excel functionalities to pull appropriate financial information to track P&L for ME close
- Manage, update, and track daily accounting records (P&L) to ensure proper end of day balances
- Efficiently manage and reduce clients risk by using the proper controls set by SEI and respective team
- Analyze client's expense budgets to ensure correct monthly accruals
- Complete monthly portfolio and fund accounting packages for assigned funds

Professional Certifications
- AWS Certified Cloud Practitioner

Technical Skills
- Python (Pandas, NumPy, Scikit-learn and various other libraries)
- R
- Data Exploration, Analysis, Cleaning
- Predictive Modeling, Machine Learning, Feature Engineering
- MySQL Server
- Heroku
- Docker
- Google Cloud Platform: Used compute engine and Chrome Remote Desktop to create an instance with a Kali image for penetration testing/ network monitoring using Metasploit and Wireshark.

- o Deployed Machine Learning web application using GCP.
- Google Sheets, Google Docs, Googlecolab
- Amazon Web Services: EC2 instances to deploy ML models, Analyze data in S3 using Athena
- Tableau
- Looker
- Jupyter Notebook
- Git, GitHub
- SAP
- Internal Accenture forecast software and dashboards (MME, MMB, MMS)
- Microsoft Excel, PowerPoint, Word, SharePoint

Personal: BSA Eagle Scout, Prior NCAA D2 Lacrosse All-Conference Midfielder, 2008 Texas All-State Violinist, Junior Achievement of Southeastern Pennsylvania Volunteer (2016-2017), Accenture MME Champion

Interests: Snowboarding, hiking, paintballing, bouldering/climbing, cycling, backpacking, fishing