

Nissim Panchpor

- Website: nissim-panchpor.github.io • linkedin.com/in/nissim-panchpor
- nissim@uw.edu • (206)-565-7257 • Seattle, WA 98105

TECHNICAL SKILLS

- Machine Learning, Deep Learning, Predictive Modeling, Statistical Modeling, Natural Language Processing, Data Visualization
- SQL, Python (Pandas, Numpy, Scikit learn), R (dplyr, ggplot), Hadoop, Spark, Hive, Redshift, Tableau, Keras, PL-SQL, Java, Git

PROFESSIONAL EXPERIENCE

Data Science Intern | HERE Technologies Jan 2018 - Present

- Succeeded in establishing a data-driven partnership between HERE and an automobile giant by delivering crucial analysis
- Performed data preprocessing by cleaning, resampling and merging 3 datasets with 80M rows using Pandas
- Developed 7 interactive dashboards by extracting and visualizing vehicle drive paths, weather, vehicle sensors, driver inputs using Python, HERE Mapping API and Tableau

Data Analyst Intern | Holland America Group Jun 2017 - Dec 2017

- Identified \$500K budget gap by doing Root Cause Analysis of 3 years of financial data from 14 Holland America cruise ships
- Delivered 9 highly interactive dashboards to present insights about Environmental Compliance Program to top leadership

Business Intelligence and Analytics Developer | IBM Sep 2014 - Jul 2016

- Headed a team of 4 developers to generate \$31M in revenue by implementing database system 'Prepaid ODS' for CRM
- Deployed and built SQL scripts that processed over 10M rows pulled from more than 15 fact and dimension tables
- Achieved near-real time daily ingestion of 50M rows into ETL using streaming data framework - Infosphere Streams

Teaching Assistant: Advanced Database | iSchool, University of Washington | 6 months Mar 2017 - Dec 2017

EDUCATION

Master of Science in Information Management | University of Washington, Seattle, WA | GPA: 3.94/4.00 Jun 2018

Specialization: **Data Science** and **Business Intelligence**

Relevant Coursework: Machine Learning & Econometrics, Social Media Data Mining, Visualization Design, Customer Analytics

Bachelor of Engineering in Computer Engineering | University of Mumbai, India May 2014

Relevant Coursework: Data Mining, Neural Networks, Data Structures and Algorithms, Computer Vision

PROJECTS

Clustering of trending technologies and Firms in News (collaboration with Pitchbook Data, Inc.) Jan 2018 - Present

- Analyzed text of 2.1M news articles to cluster technologies and firms into 6-7 clusters
- Building visualizations to present a trend of sentiment associated with firms and technologies

Data Warehouse and OLAP Solution for a retail company Jan 2017 - Mar 2017

- Increased revenue by \$240K by providing actionable insights about store location, online presence, retail commission
- Developed an end-to-end BI system including dimensional modeling, staging tables and ETL process to populate dimension and fact tables using Microsoft Visio, SQL Server and SSIS packages

Spam detection pipeline using Naïve Bayes, Random Forest, Support Vector Machine Feb 2018

- Scraped emails, cleaned the data using Numpy and Pandas in Python to convert raw data into a dataframe
- Leveraged ML models to train a classifier for spam email filtering using Scikit-learn in Python

Binary Classification of Wines using Deep Learning Jan 2018

- Trained sequential neural networks using Keras and TensorFlow backend to classify wines based on 10 features

Multivariate Analysis of Paid Search Advertising data for hotels Oct 2017 - Nov 2017

- Predicted 300 US hotels' future reservations with linear and logistic regression using variables like click-through-rate, keyword characteristics and average keyword placement