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SUMMARY

High-energy. Focused. I believe that the best angle to solve a problem is the try-angle. Passionate in sharing valuable insights and making an impact that helps others learn through code, visualizations, and narratives. Strong computer science background and experience in exploratory data analysis, data storytelling, machine learning, and statistics. Frequent competitor at Kaggle competitions. I am a U.S. citizen.

EMPLOYMENT

Employer Name

Claims Assistant at Affiliated Physicians IPA · 2015 to Current

Trained 3 new hires to use the MSO claim software. Reviewed over 300 claims for quality and compliance. Provided excellent customer support.

EDUCATION

California State University-Long Beach

Bachelors of Science Computer Science 2017

Springboard Data Science Career Track

Data Science Curriculum 2018

This online boot camp covers mastery of the data science process, from statistics and data wrangling, to advanced topics like machine learning and data storytelling

SKILLS

DATA SCIENCE TOPICS: Data Collection / Wrangling, Probability, Inferential Statistics, Exploratory Data Analysis, Machine Learning, Data Visualization, Data Storytelling, Predictive Modeling

PROGRAMMING LANGUAGES: Python, Java, MySQL, R

SOFTWARE: Tableau, Visual Studio, Jupyter Notebook, Eclipse, R Studio, Microsoft Office

PROJECTS

Human Resources Analytics | Understanding Why Employees

Aug 2017 to Sep 2017

- **Employee Turnover Prediction:** The challenge was to determine the factors affecting employee turnover on a simulated company using various exploratory data analysis techniques and statistical testing. Implemented logistic regression, random forest, decision tree, and gradient boosting machine models for predictions.
- Deduced from extensive data mining that employee satisfaction, average monthly hours, and project count were leading factors in turnover.
- Skill sets used: Python, Data Analysis, Machine Learning, Data Visualization, Data Storytelling, Statistical Testing, Classification Problem

Kaggle's House Prices | Advanced Regression Techniques (Top 20%)

Jul 2017 to Jul 2017

- **House Pricing Prediction:** Imputed data according to the distribution of graphs. Applied a correlation matrix to test for high feature collinearity. Used Boruta/RandomForest package for feature importance and Gradient Boosting Machine (GBM) for predictive modeling.
- Platform - Kaggle - Rank - Leaderboard - Top 20% across the globe.
- Packages used: Random Forest, Boruta, Gradient Boosting Machine, Dplyr, Corplot, R Programming

Kaggle's Titanic | Machine Learning from Disaster (Top 10%)

Jun 2017 to Jun 2017

- **Survival Prediction:** Analyzed survival ratio of people who were in titanic. Applied feature engineering, data imputation, data exploration, R programming, and machine learning classification algorithm to predict which passengers survived the tragedy.
- Platform - Kaggle - Rank - Leaderboard - Top 10% across the globe.
- Packages used: Random Forest, GGPlot2, Dplyr, R Programming

CECS Team Semester Project | Software Engineering

Sep 2017 to Dec 2016

- Designed, managed, and programmed a CSULB board game in Java with a team of two, using Eclipse Galileo IDE. Focused on effective architectural design of code for better organization and application design. Implemented the use of Extreme Programming (XP), which advocates the use of extensive code review, unit testing, and clarity of code.

ACTIVITIES

Kaggle Competitor · Data Science Competitor

Aug 2017 to Current

Competitor at Kaggle Competitions that tackles real-world machine learning problems