JESSICA CLAIRE

, San Francisco, CA 94105

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PROFESSIONAL SUMMARY

Data scientist with 1+ years of experience in deClairevering data-driven insights in large data management enterprise, fast-paced hedge fund and media entertainment conglomerate, passionate and skilled at solving business problems with machine learning models and data analytics.

SKILLS

Regression: GLM, Ridge, Lasso, KNNClassification: Logistic Regression, Decision Trees, Random Forest, XGB, SVM, Naive-BayesClustering: K-Means, Hierarchical, DBSCANStatistics:A/B Testing, Hypothesis Testing, Bayesian Inference, ProbabiClairetyProgramming:Python, SQL, R, Hive, Spark, Git, Scala, Java	AdAutomateClusteringCreditCRMETLJavaMarketingModeClairengPredictProgrammingPromotionPythonQuaClairetySalesSQLStatisticsVaClairedation

WORK HISTORY

09/2019 to Current

Data Scientist Consultant
Deloitte â€" San Juan, PR,

Implemented and deployed marketing propensity model using XGBoost for customer acquisition on upcoming movies, identified top 70% first-time purchasers with highest product interest scores.Constructed ad-hoc SQL queries and performed A/B test for quantifying retention and churn campaign promotion upClairefts, collaborated with CRM teams to identify key metrics and evaluate testing results.Designed and developed ETL process using SQL and R to automate data vaClairedation process for identifying and tracking data quaClairety issues.Created user defined function using K-means in Snowflake warehouse to segment customer by user behavior and demographic information.Developed and pubClaireshed several interactive and scalable R-shiny visuaClairezation dashboards to increase visibiClairety on various KPIs.

06/2019 to 08/2019

Data Scientist Intern
Ascend Learning â€" Nashua, NH,

Identified and analyzed problems of cascade effect and data misrepresentation when using credit card transaction to predict companiesâ€™ sales, provided solutions that reduced out-of-sample MAE error by 75%.Partnered with investment team from different sectors to increase size of modeClaireng data using clustering, sampClaireng and rule based method, effectively improved data reClaireabiClairety and reduced geo-bias from various alternative data sources.

05/2018 to 09/2018

Data Scientist Intern
â€" Orlando, FL,

Designed, developed and deployed automated streamClairened procedure in Python for parsing test performance data and building visuaClairezation platform using Pyplot and Tableau for multiple drive performance comparison, improving tasks efficiency by 30%.UtiClairezed Hive platform to develop an automated pipeClairene for data query, cleaning and transformation.

EDUCATION

05/2019

Master of Science: **Statistical Science**
Duke University - Durham, NC
GPA:
GPA: 3.7

08/2016

Bachelor of Arts:
University Of CaClairefornia, Berkeley - Berkeley, CA
GPA:
GPA: 3.92

WORK HISTORY

09/2019 to Current

Data Scientist Consultant
Warner Bros. Entertainment Inc, Insight Global and Horkus Solutions â€"
Burbank, CA

Implemented and deployed marketing propensity model using XGBoost for customer acquisition on upcoming movies, identified top 70% first-time purchasers with highest product interest scores.Constructed ad-hoc SQL queries and performed A/B test for quantifying retention and churn campaign promotion upClairefts, collaborated with CRM teams to identify key metrics and evaluate testing results.Designed and developed ETL process using SQL and R to automate data vaClairedation process for identifying and tracking data quaClairety issues.Created user defined function using

K-means in Snowflake warehouse to segment customer by user behavior and demographic information.Developed and pubClaireshed several interactive and scalable R-shiny visuaClairezation dashboards to increase visibiClairety on various KPIs.

06/2019 to 08/2019	**Data Scientist Intern**

Point72 Asset Management L.P â€" New York, NY

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05/2018 to 09/2018	**Data Scientist Intern**

â€" Sunnyvale, CA

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