JAKE AUSTIN

Jakeaustin16@gmail.com ● (503) 914-9646 ● https://www.linkedin.com/in/jake-austin

Master of Business Analytics with 3 years of experience in data storage, processing, modeling and visualization, seeking strategy development opportunity within data-driven enterprise.

EDUCATION

UNIVERSITY OF MIAMI — **Coral Gables, Florida**
Master of Science in Business Analytics: GPA: 3.88 — **May 2018**
Focus in Machine Learning and Big Data

UNIVERSITY OF OREGON — **Eugene, Oregon**
Bachelor of Science in Economics and Mathematics: GPA: 3.52 — **August 2015**
Minors in Business Administration and Computer Information Technology

COMPETENCIES and SKILLS

Forecasting • Modeling • Data Visualization • Strategy Planning • Data Cleaning • Time Series Analysis
Big Data • Machine Learning • Model Selection • A/B Testing • Experimental Design • Six Sigma Techniques

EXPERIENCE

Chewy — **Miami, FL**
INVENTORY ANALYST EXTERNSHIP — **January 2018 to March 2018**
Develop an effective model for predicting occurrences of products going out of stock.
- Analyze historical occurrence of out-of-stock issues on popular products to maintain competitive advantage in highly competitive retail environment.
- Preprocess data using data mining and feature engineering best-practices via R to efficiently forecast using various machine learning algorithms.
- Present recommended model to Chewy analytics team, winning modeling competition with model having 80% Accuracy, 94% Precision and 82% Recall.

FLORIDA PANTHERS — **Miami, FL**
LEAD SCORE ANALYST INTERNSHIP — **December 2017 to May 2018**
Enhance performance of current lead score models for likelihood of customers renewing season passes.
- Analyze current lead score development model to determine useful parameters and surmise potential new model parameter to improve lead score performance.
- Import and refine customer demographic data using API implementation in R environment.
- Utilize specialized R packages and existing customer characteristics to predict additional demographic information deemed to be potentially useful in lead score analysis.
- Compile comprehensive model to identify significance and viability of newly selected parameters as predictors of seasonal pass renewals.
- Present model and recommendations to head of Panthers analytics department resulting in implementation of developed metrics in lead score calculations.

MMM Healthcare — **Miami, FL**
CAPITATION MODELING INTERNSHIP — **October 2017 to May 2018**
Recreate capitation payment model currently performed by third party to demonstrate viability of bringing in-house.
- Research current outsourced capitation model to determine appropriate calculation technique for determining PCP payments.
- Aggregate, clean and preprocess input variable data to prepare modeling in SAS environment.
- Implement SAS calculation procedure to create PCP payments and compile into user-friendly tabular displays for management.
- Present findings to company president and executives, resulting in company implementing recommendation, saving company tens of thousands per year (Specific amount non-disclosed for confidentiality purposes).

GREENER GRASSES — **Portland, OR**
OWNER, CEO — **June 2015 to October 2017**
Enrich community by providing herbal supplements and information to encourage total wellbeing.
- Develop and implement pricing and marketing strategies including promotional efforts resulting in single month peak of $60,000.
- Survey customers to identify competitive threats and product leakage as well as assortment limitation.
- Maintain detailed financial records on revenues and costs related to the business for analysis concerning business direction and corrections needed to business model.
- Continually verify strict legal regulations and requirements are upheld to preserve the continued legal status of the enterprise, resulting in continued licensure and praise from governing officials.
- Research industry environment and trends to ensure effective STP position and pursue leading high-tech marketing strategies.

PERSONAL and PROFESSIONAL INFORMATION

Languages: Conversational Spanish and German
Data Modeling: STATA, R, SAS, Matlab, Python, Minitab
Data Visualization: Tableau, RStudio, Excel, LucidChart

Certifications: Metrc 2016, CFA Standards of Practice
Big Data: Hadoop, PySpark, Jupyter Notebooks
Data Management: SQL, SAS, Microsoft Access, Hadoop