

JUSTIN GARZA

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CAREER OBJECTIVE

Seeking a Quantitative Researcher position to contribute in the development of strategies to ensure the achievement of financial goals while completing Master's Degree Program in Applied Statistics.

SUMMARY OF QUALIFICATIONS

- Proficient in R & Python
- Adept with Natural Language Processing & Computer Vision
- Skilled in Machine Learning Algorithm formulation
- Proficient in Neural Network Engineering & Time-Series Forecasting
- Expert Proficiency with Tibco Spotfire & Tableau Dashboard creation
- Experienced with TensorFlow, PyTorch, Keras, and Caffe2 Frameworks
- Interactive Data Visualization development
- Well-versed in Simulation Modelling
- Experienced with SQL Programming
- Expert Proficiency in ArcGIS
- Familiarity with Derivative & Energy Markets
- Adept in all Microsoft Office Applications.

EDUCATION

The University of Texas at San Antonio

Bachelor of Business Administration in Actuarial Science

Graduation: May 2018

College of Business GPA: 3.42

The University of Texas at San Antonio

Master of Science in Applied Statistics & Data Science

Graduation: December 2020

Relevant Coursework

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| • Artificial Intelligence | • Advanced Statistical Learning |
| • Applied Bayesian Statistics | • Time-Series & Regression Analysis |

SKILLS

Artificial Intelligence

- Natural Language Processing
- Image Recognition/Computer Vision
- Intelligent Search Agents
- Algorithm Development

Geographic Information Systems (GIS)

- ArcGIS Mobile & Desktop Application Development
- Spatial Data Handling & Georeferencing
- Spatial Data Analytics
- Professional Map Creation

Data Science

- Reinforcement Learning
- Neural Network Engineering
- Supervised & Unsupervised Modelling
- Data Wrangling
- Interactive Data Visualization

Applied Statistics

- Time-Series Forecasting
- General Linear Modelling
- Statistical Inference
- Bayesian Modelling
- Monte Carlo Simulation Modelling

EXPERIENCE

Business Development Analyst-EPIC Midstream (Fiber Division), San Antonio, TX January 2019-Present

- Forecasted various Natural Gas Indexes using Neural Network Auto Regression, ARIMA, & KNN modeling techniques.
- Estimated Right-of-Way costs on two hundred miles of company infrastructure using Monte Carlo Simulations.
- Supervised a \$98M company budget while updating shareholders on costs accrued over time.
- Managed the GIS Department and all related data on company infrastructure & potential customers.
- Managed the Right-of-Way Department and all related projects pertaining to current division.
- Provided Statistical Analysis/Inference on all potential customers in relation to the company assets.
- Provided Cost-Benefit Analysis on high-level company decisions on landowners and potential investors.
- Provided inference and interactive maps on potential customers & competitors

Business Analyst- AfterMarket AutoParts Alliance, San Antonio, TX June 2018-December 2018

- Reviewed and maintained Sales Reports, Gross Profit and Budget Margin Reports, Supplier Performance Reports.
- Provided competitor analysis including products, position, pricing, etc.
- Developed new methodologies for analyzing and presenting pricing data.
- Collaborated with suppliers and other internal groups performing market/customer research for analysis.
- Analyzed competitive position, product quality, and coverage of assigned product lines.
- Provided market analysis including sizing, growth, trends, industry dynamics, etc.
- Developed and monitor key performance indicators (KPI).
- Responded to feedback (calls, reports, etc.) from stores, sales, operations, and others regarding pricing structures and works toward speedy resolution of issues.

NOTABLE PROJECTS

- Led \$2M project to acquire Right-of-Way legal rights for existing company infrastructure.
- Created widely used Business Intelligence Dashboard efficiently showcasing customer analytics and relation to company assets.
- Provided and maintained highly confidential company files to secure the transition of new equity partners.
- Forecasted multiple Energy Markets leading company to switch to different NGL market.
- Georeferenced competitors infrastructure using online image resources.
- Successfully identified a \$4M growth opportunity and approved new channel partner.
- Optimized warehouse margin pricing effecting over 4,000 independent stores.
- Analyzed official tariff changes & subsequent weighted impact on division.