

Garrett N. Bushnell

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GitHub: gbushnell • LinkedIn: gbushnell • Portfolio: lowhangingfruitanalytics.com/ds_portfolio

SKILLS

Machine Learning
Statistics
Data Analysis

R
Python
SQL

EDUCATION

Master of Science in Analytics, 4.0

Georgia Institute of Technology

Atlanta, GA

Aug 2019 – Present

H. Milton Stewart School of Industrial and Systems Engineering

- Courses: Machine Learning, Data Analytics for Business, Simulation, Bayesian Statistics, Regression Analysis, Computing for Data Analysis

Bachelor of Science in Economics

Georgia Institute of Technology

Atlanta, GA

Aug 2008 – Dec 2012

- Certificate in Finance

EXPERIENCE

Technical Writer

Towards Data Science

Marion, VA

Oct 2020 – Present

- Anomaly Detection Using Benford's Law
- Customer Segmentation with RFM Analysis

Analyst

Albano & Associates, PLC / Lawhorn Enterprises

Marion, VA

Feb 2015 – Present

- Applied linear regression model and statistical tests to validate customer's advertising and detail missed revenue of 8% of annual sales
- Developed SQL-based dashboard to provide real-time tracking of projects, revenue streams, and staff productivity
- Utilized k-means clustering, PCA and python's matplotlib to visualize customers, leading to reorganization of offerings which
- Analyzed unstructured client POS data with python to develop M/M/C/K simulation used to optimize staffing levels
- Provided risk management by integrating monte-carlo simulation and statistical analysis into financial valuation for merger due diligence
- Automated audit state reporting procedure, leading to a 15% reduction in processing time
- Produced firm's annual budget, projections, variance analysis, and data visualizations

Associate Analyst

New Constructs, LLC

Brentwood, TN

Jan 2013 – Jul 2014

- Provided sell-side coverage of Russell 3000 technology companies for retail and institutional investors, utilizing machine learning
- Modeled companies within a proprietary natural-language-processing (NLP) model
- Performed data collection from SEC filings, data validation, and model maintenance.
- Spearheaded cross-divisional design of automated equity research reports