BRANDON CROARKIN

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CAREER OBJECTIVE

An eager and fast-learning individual seeking an opportunity to work as a dynamic data analyst.

TECHNICAL SKILLS

- **Machine Learning:** classification, regression, clustering, feature engineering
- **Statistical Methods:** time series, regression models, hypothesis testing and confidence intervals
- **Software and Programming Languages:** R (caret, randomForest, dplyr, ggplot2), Python (scikit-learn, numpy, pandas), SQL, Microsoft Excel
- **Visualization Tools:** Tableau, PowerBI, Shiny

RELEVANT EXPERIENCE

GREENZONE SOLUTIONS, INC., *Data Analyst*

April 2018 – Present

- Developing analytical solutions that are scalable, repeatable, effective, and meet the client's needs and expectations.
- Integrating big data tools such as NiFi, Hadoop, Kafka, Python, ElasticSearch, and HBase to develop production pipeline tools to increase organizational productivity.

ASSOCIATION FOR MANUFACTURING TECHNOLOGY, *Industry Analyst*

August 2015 – April 2018

- Increased survey participation by developing a model to predict survey drop outs by leveraging decades of survey participation data. Project involved heavy data cleaning, exploratory data analysis, and feature engineering. Created reports with summarized statistics and charts and presented results to senior management.
- Developed a regression model to display the effectiveness of our lead development tool (IMTS Passport)
- Slashed survey report processing times by developing automated Excel reports. Leveraged VBA macros and SQL queries to construct a strong foundation for automated reports.
- Led Standardization project to create a database of machine tool statistics linking data from US Census, GTIS, and internal sources.

EDUCATION

UNIVERSITY OF VIRGINIA, Charlottesville, VA

Bachelor of Arts in Economics, May 2015
President of University of Virginia Men's Club Soccer

SYRACUSE UNIVERSITY, Syracuse, NY

Master of Science in Applied Data Science, July 2019 (anticipated)

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CERTIFICATIONS

SPRINGBOARD
- Data Science Intensive Workshop

UDEMY
- Data Science and Machine Learning Bootcamp with R
- R Programming: Advanced Analytics in R for Data Science
- Tableau 10 Advanced Training: Master Tableau in Data Science
- Power BI A-Z: Hands-On Power BI Training for Data Science