Kwame Troxler

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# Summary

Junior data scientist with 3+ years of experience in personal project work and data analyst jobs. Achievements include creating data models to predict optimal resource allocation with 38% more accuracy than the historical average. Achieving 27% improvement in efficiency and productivity per department implementing using scripting tools. Skilled in machine learning, statistics, problem-solving and programming.

# Work Experience

Hart to heart transportation / baltimore, md / data analyst / 01.2016 - PRESENT

Developed real-time visualizations for teams to receive quick snapshots of performance indicators. Using Qlik Sense (BI Tool), we dynamically changed the culture of the company from descriptive to prescriptive thinking.

Created and presented models to solve complex business problems for senior leadership to make informed decisions.

Used data from multiple sources to create new insights. Adding layers of understanding that improved customer satisfaction 10% within the first 90 days of implementation.

Assists in the development of Agile methodologies into project management protocols.

Cultivated a sense of data integrity minimizing data entry issues using business process improvement techniques.

Developed scripts that removed trivial tasks from multiple departments using tools such as MySQL (SQL),

Visual Basic and Python. Increasing productivity in each department.

Refactored computational complex systems into simple efficient algorithms.

Amazon Fulfillment center / baltimore, md / Outbound assistant manager / 08.2011 – 11.2015

Conducted mentor styled monthly classes for new and experienced users of Microsoft Excel.

Created a dashboard with performance metrics for outbound warehouse departments. Decreased performance coaching by 50%.

Assisted with continuous improvement cycles to improve productivity and minimize downtime in outbound departments.

# Education

Bachelor of Science in Psychology (B.S) / Richmond, ky / 01.2011 – 12.2013

Excelled in statistics and research design coursework.

Assisted in graduate level project that predicted optimal time spent to increase learning success rate for students learning brain structures. Used survey and quiz data, regression models and R Programming language. Mathematics

# Skills

**Administrative**: Project Management | Business Process Improvement | Advanced Microsoft Excel

**Visual Design**: Data Visualization | Business Intelligence | Research Design

**Math**: Statistics | Machine Learning | Probability

**Programming Languages**: Python | R Programming | SQL | JavaScript | Visual Basic

# Additional Activities

Stanford Open Coursework, Computer Science

Completed 12 Courses in Data Science and Computer Science.

Mastered 8 Crucial data science skills.

Baltimore Techies, COMMUNITY Meetup Group

An active member of Baltimore Techies meetup.

Data Science of Maryland, COMMUNITY Meetup Group

An active member of Data Science of Maryland meetup.