

Kenyon Paul Cavender

OBJECTIVE

I am a graduate student at MSU working towards a master's degree in Statistics. The work I am most interested in involves societal problems that can be solved or more accurately understood through the use of statistical modeling.

WORK EXPERIENCE

RATPDEV USA - AUSTIN, TX

Independent Contractor / Analyst

Current

- Systems efficiency analysis - find wasted resources in over 30 transit contracts in the US.
- Financial modeling - develop checks for our contract bidding process.
- Data collection - standardize KPI reporting among all contracts.
- Data visualization - develop graphic representations of essential metrics.
- Route optimization - find inefficiencies in route scheduling.

Data Analyst

2016 - 2019

- Task automation - reduced redundant time expenditure for daily/weekly/monthly reports.
- Resource management - managed a \$2MM parts inventory to increase essential parts availability while reducing costs.
- API development - developed a system to connect the asset management software to our invoicing software.

PAISANO ENERGY, LLC - DALLAS, TX

Analyst

2015 to 2016

- Modeled the economic performance of oil fields as determined by reservoir performance, fluctuating operating expenses, and abnormal energy content of natural gas.
- Gathered and compiled geological, economic, and legal data on mineral estates.
- Modeled ROI analysis on mineral interest transactions and recommended purchases to principal investors.

PUBLICATION

Cavender, K. L., Graham, J. E., Fox, R. P., Flynn, R., & Cavender, K. P. (2016). Body Language: Toward an Affective Formalism of *Ulysses*. In S. Ross & J. O'Sullivan (Eds.), *Reading Modernism with Machines: Digital Humanities and Modern Literature*. Basingstoke, United Kingdom: Palgrave Macmillan.

EDUCATION

MICHIGAN STATE UNIVERSITY

M.S. in Statistics
Currently Enrolled

TEXAS A & M UNIVERSITY

B.S. in Mathematics
Graduated Dec 2014

CONTACT INFORMATION

ADDRESS

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TECHNICAL SKILLS

PROFICIENT

- Data visualization
- Python
- R
- SQL
- Linux/Unix

COMPETENT

- C/C++
- JavaScript
- Task automation
- Public speaking