

CAMERON STEWART

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Data Science Project Portfolio: <https://cameron-stewart-portfolio.netlify.app>

PROFESSIONAL SUMMARY

I am tremendously passionate about Data Science and Machine Learning, and I am focused on transitioning into a full-time role in this field. While facing diverse technical challenges as an Industrial and Systems Engineer for multiple industry leaders, I became fascinated with analyzing complex data and utilizing predictive modeling to extract key business insights. This motivated me to enhance my skills by becoming a Six Sigma Black Belt in 2019 which has given me a valuable perspective that combines a statistical approach with a project management mindset. In August 2022, I will earn my Data Science Master's Degree from Southern Methodist University (SMU) which has taught me how to wield the latest tools and methodologies in the field. I currently apply my skills by supporting the SMU's Student Affairs Division with Data Science initiatives.

EDUCATION

Southern Methodist University | M.S. Data Science with Machine Learning Specialization

January 2021 – Present | Graduating August 2022 | **GPA 4.0**

- Ensembled Multi-Layer Perceptron and Vector Autoregressive models to provide one-week ahead forecast of Texas Covid Case Count reaching a RMSE of 903 Cases
- Classified Horse Racing Winners using public betting odds and horse information by applying a Random Forest model that achieved 77% Accuracy and 56% Precision
- Predicted employee income based on job/experience attributes with Multiple Regression attaining a RMSE of \$973

Texas A&M University | B.S. Industrial and Systems Engineering with Mathematics Minor

August 2010 – December 2014 | **GPA 3.4**

KEY SKILLS/CERTIFICATIONS

- Programming Languages: Python, R, SAS, SQL, VBA
 - Tools: VS Code, Jupyter Notebook, RStudio, MySQL, MongoDB, GitHub, Tableau, PowerBI
 - Packages: NumPy, Pandas, SciPy, Scikit-learn, Matplotlib, BeautifulSoup, Caret, Tseries
 - ASQ Certified Six Sigma Black Belt - Credential ID #21055 | March 2019
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WORK EXPERIENCE

Southern Methodist University | Remote

Graduate Assistant - Student Affairs Data Science Initiatives | May 2021 – Present

- Designed Tableau Dashboards for top-level management to monitor Greek Life Activities
- Utilized R to statistically compare student survey responses across multiple demographics

Graduate Teaching Assistant | April 2021 – August 2021

- Hosted graduate level statistics office hours twice per week
- Conducted weekly programming office hours (R, SAS) for Data Science graduate students

Amazon.com | Seattle, WA

Program Manager – Operations Integration for Global Specialty Fulfillment | October 2019 – October 2020

- Managed Quality and Outbound under-the-roof operational strategy for all North American Grocery Distribution Centers using tools like SQL and Tableau
- Implemented Quality Tracking Dashboard for Distribution Centers in Tableau which was featured in an internal Amazon Newsletter
- Generated automated error feedback tool that reduced manual coaching from leadership by 60%

Schlumberger | Houston, Texas

Quality Engineer | January 2018 – October 2019

- Eliminated 39% of Roller Cone Product Line Scrap Cost using DMAIC methodology
- Decreased field failures by 25% by implementing a Final Inspection Checklist

Manufacturing Engineer | January 2015 – December 2017

- Coordinated move of a manufacturing facility from Ponca City, Oklahoma to Houston, Texas into working area over 250,000 sq. ft
- Implemented Automated Water Jet System that reduced cycle time by 60% and improved safety

Process Improvement Intern | May 2014 – August 2014

- Oversaw Kaizen to redesign cutter repair process that increased process efficiency by 33% and reduced raw material cost by 10%

Toyota Motor Manufacturing Texas (TMMTX) | San Antonio, Texas

Logistics CO-OP | August 2013 – December 2013

- Managed 2015 Tacoma Product Packaging Development while working with over 100 suppliers
- Reduced defect rate on incoming fender liners from 23% to 0%