

TORI POWERS

DATA SCIENTIST

PROFILE SUMMARY

As a formally trained educator, I am an efficient and detailed data scientist who acts as an intermediary to break complex data ideas down into chewable pieces. My organization allows me to tackle multiple projects at once. I have an affinity for puzzles and DIY with a dream of buying an old home to take apart, learning how all of the parts fit, and restoring it beautifully. These traits are evident in my analysis style; learning from the mathematical analysis and presenting the beauty of the outcomes.

CONTACT



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Fredericksburg, VA

SKILLS

| Technical

Data Analytics
Data Modeling
Statistics
Data Visualization
Machine Learning
Apache Spark
Natural Language Processing (Nlp)
A/B Testing
TensorFlow
Predictive Modeling
Python
SQL
Git | GitHub
Pandas
Tableau
DataRobot
Matplotlib
Seaborn
Google Cloud Platform
Microsoft Excel

| Professional

Training
Organization and Planning
Management
Collaborative
Problem Solver
Customer Focused
Oral/Written Communication

PROFESSIONAL EXPERIENCE

SENIOR DATA SCIENTIST

Baptist Health South Florida | June 2022 — Present

- Designed a model to pilot to predict the likelihood of a patient having MRSA on admission to the hospital, reducing the number of hospital acquired infections.
- Piloted a time series forecasting model to predict volume of radiology imaging orders per hospital entity per radiology modality, optimizing staffing for Diagnostic Centers.
- Evangelized artificial intelligence and machine learning throughout the organization through workshops with various business units and a Lunch and Learn monthly educational session for the over 26,000 internal employees and external participants.
- Initiated a summer internship program.

DATA SCIENCE FELLOW | DATA SCIENCE IMMERSIVE

General Assembly | January 2022 — April 2022

- Participated in a full-time immersive course, completing in-class projects, Kaggle competitions, and personal projects covering a wide range of Data Science topics.
- Acquired, cleaned, and explored large datasets in order to present findings to both technical and non-technical audiences.
- Cleaned and extracted features from data to develop a linear regression model that accounted for 92% of variability in housing prices in Ames, Iowa.
- Collected data using Pushshift's API to apply various NLP techniques, including Count Vectorizer, to develop a model which identifies text as Real Estate or DIY.

STUDENT LIFE COORDINATOR

The Galloway School | 2021 — 2022

The Galloway School is a leading independent school in Atlanta, GA serving a diverse student body of around 750.

- Independently executed multiple projects simultaneously, ensuring performance, quality, strategy and timelines were achieved within a budget of \$85,000 USD.
- Performed reporting and various data analyses within multiple departments for senior leadership team.
- Effectively communicated business insights and recommendations to internal customers and stakeholders for operational and process improvements.

TORI POWERS

DATA SCIENTIST

EDUCATION

DATA SCIENCE

IMMERSIVE PROGRAM

General Assembly

MASTER'S DEGREE

SECONDARY MATHEMATICS

Agnes Scott College

BACHELOR'S DEGREE

MATHEMATICS & RELIGION

STUDIES WITH A

CONCENTRATION IN

BUDDHISM

Lehigh University

AWARDS

TEACHER EXCELLENCE

ENDOWMENT AWARD

WINNER - 2019

CERTIFICATIONS

GEORGIA PROFESSIONAL

STANDARDS COMMISSION

TEACHING CERTIFICATION -

LEVEL 5 - Valid through 2026

INTERESTS

Tabletop Games

DIY

Home Improvement

Music

Traveling

WORK EXPERIENCE CONTINUED

MATHEMATICS & STATISTICS INSTRUCTOR

The Galloway School | 2017 — 2022

- Developed and implemented strategic curriculum for over 350 participants with a focus on mathematics and statistics at maximum efficacy and returned an 85% increase within nine months of training.
- Spearheaded and trained team members across multiple departments on new technology to increase productivity and time management.
- Functioned as a team lead within the department, achieving recognition for excellence in leadership for a team of six.

INSTRUCTIONAL CONSULTANT

Promethean World, Ltd. | 2016 — 2017

Promethean is a leading global supplier of interactive displays and lesson delivery software.

- Acquired educators across the Texas, Oklahoma, Kansas and Nebraska region to increase usage and engagement of ClassFlow Software.
- Delivered ClassFlow Software Professional Development, User Groups and other Engagement Activities in the Midwest region of the US and internationally.
- Represented Promethean's ClassFlow software at TCEA 2017 Convention and SIIA CODiE Awards.

MATHEMATICS DEPARTMENT CHAIR & INSTRUCTOR

Ridgeview Charter Middle School - Fulton County Schools | 2013 – 2016

Ridgeview Charter Middle school is an International Baccalaureate Middle Years Programme school under the Fulton County School System in Atlanta, Georgia.

- Prepared reports using various documented data points for strict compliance records and maintained project documentation.
- Effectively developed trust and collaboration on a department team and functioned as Department Chair, facilitating continuous education team members and completed regular performance evaluations.
- Collaborated with multiple teams as a committee member with an overall focus on stakeholder engagement, customer experience, and client satisfaction through efficient communication and interactions.

MATHEMATICS INSTRUCTOR

Elkins Pointe Middle School - Fulton County Schools | 2011 – 2013

Elkins Pointe Middle School serves a diverse community under the Fulton County School System in Roswell, Georgia.

- Created and delivered high-impact presentations using multiple technology platforms.
- Collaborated with department team members to design and develop training resources for over 400 participants.
- Best Foot Forward - Harvard University member for continuous improvement.