ZACH THOMAS

Data Analytics student seeking Summer 2020 internship

🎓 EDUCATION

2019–Current	**Tufts University**
	MS Candidate in Data Analytics 📍 Medford, MA
2014–2018	**Tufts University**
	B.A. in Economics 📍 Medford, MA

💼 WORK EXPERIENCE

2018–Current

Business Intelligence Analyst, Tufts University
Advancement Information Systems 📍 Medford, MA

- Interpret written data requests and utilize PL/SQL Developer to extract data sets to support fundraising efforts at each of Tufts' nine different schools
- Build and maintain Tableau dashboard to provide fundraiser performance metrics and analyze Tufts' $1.5 billon campaign
- Analyze current business processes and evaluate areas for process redesign to improve efficiency
- Aid in the data cleanup and testing for over 650,000 records to be converted in a system implementation

🖥 SELECTED PROJECT EXPERIENCE

2019

Python and Machine Learning
Tufts University 📍 Medford, MA

- Deployed a project which predicted likelihood of Kickstarter campaign success with 91% accuracy covering 320,000 independent observations.
- Iterated the model to select the best approach, given K-means, Principal Component Analysis (PCA), and logistic regression.

2019

Foundations of Data Analytics
Tufts University 📍 Medford, MA

- Developed a model that predicted prices of Airbnb prices in New Orleans. The machiene learning model explained 68% of the variance in price.

💬 SELECTED PRESENTATIONS

2019

Foundations of Data Analytics
Tufts University 📍 Medford, MA

- Presented a model for Airbnb price variance, and summarized main results and assumptions of the model to my cohort.

CONTACT INFO

- ✉ zachary.thomas@tufts.edu
- github.com/zthoma01/
- 📞 +1 781-859-9790

SKILLS

Performing **data analysis**, with a focus on sports analtyics

Wrote production-level **SQL**

Experienced **Tableau** developer

Machine Learning with **Python**