Jason Turner

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Education

<u>University of Louisville</u>	Computer Science, MS - 2009
<u>Eastern Kentucky University</u>	Applied Computing, MS - 2007
	Statistics, BS - 2006, Computer Science, BS - 2002
	Minors: Mathematics, Mathematical Science, & Computer Electronics

Relevant Skills/Competencies

Python (Pandas, Scikit-Learn, NLTK, Matplotlib, Statsmodels), SAS, SQL, R, Tableau, Data Science/Mining, Data Preprocessing, Machine Learning, Analytics, Social Network Analysis, Natural Language Processing, etc.

Experience

<u>Pilot FlyingJ/Pilot Travel Centers</u> Knoxville, TN
May 2015 – Current: *Business Intelligence Data Scientist*
- Work on a small team of Data Scientists that provides tools and analytic insights related to fuel sales/pricing for the largest retailer of diesel fuel in the United States. Examples include: current market conditions, price sensitivity, store similarities, impact of non-fuel sales based on fuel price changes, etc.
- Conduct NLP/text mining on unstructured data such as customer service, employee surveys, and driver focus group comments to find overlapping themes as an additional way to identify concerns and/or areas to approve upon.
- Perform impact analysis of public policy changes on the sales of tobacco and tobacco accessories, e.g., impact of marijuana legalization on cigar sales, increase of tobacco tax on cigarette sales, state border proximity on tobacco sales.

<u>University of Kentucky</u> Lexington, KY
May. 2011 – May 2015: *Data Research Analyst* – University of Kentucky Graduate School
- Used SAS, SQL, and Tableau to connect to various sources of institutional data to combine, manipulate, and create datasets for further reporting and analysis.
- Responsible for the Graduate School's portion of the Fall Enrollment report that was presented yearly to the University's President as well as the Board of Trustees
- Responsible for completing surveys that were used to conduct graduate funding analysis and compile university rankings in various publications.
- Created a process for reconciling the Graduate School budget with the University's budget.

Aug. 2006 – May 2011: *IS Tech. Support Specialist III* - Gatton College of Business & Economics
- Primary technical contributor for migrating a student advising center to a more "paperless" environment via .Net web forms that interfaced with University's Active Directory and various data sources.
- Generated various reports on student/academic data by utilizing, and often combining, various data sources.

<u>Various</u>
1998-2006:
- Web programming, technician at an ISP, general developer (Java & VB6), computer lab & NOC monitoring

Refereed Full-Length Conference Proceedings Articles

- (Forthcoming) Turner Jason, Kantardzic Mehmed, "Geo-Social Analytics Based on Spatio-Temporal Dynamics of Marijuana-Related Tweets", Proceedings of the International Conference on Information System and Data Mining ICISDM 2017, Charleston, South Carolina, April 2017.

Book Chapters

- Neupane, R and Turner, J. "Outcomes Research in the Treatment of Asthma". In Cases on Health Outcomes and Clinical Data Mining: Studies and Frameworks. Cerrito PB, Editor. IGI Publishing. 2010.

Conference Posters

- Turner, Jason "Using SAS Enterprise Miner's Association Node on Patient Diagnoses". SAS M2009 Data Mining Conference, 2009. Las Vegas, NV
- Turner, Jason "Predicting Hospital Length of Stay and Cost using ARIMA and Text Miner". SAS F2009 Business Forecasting Conference, 2009. Cary, NC

Program Committee Member

- 2017 International Conference on Information System and Data Mining

Honors

- F2009 Business Forecasting Conference - poster submission won one of three prizes awarded
- Eastern Kentucky University Dean's List
- Recipient of Eastern Kentucky University NSF Computer Science Scholarship