

Data Science professional with a decade of accomplishments.  
Exceptional communicator with experience presenting results and  
drafting content for a business audience.

## Work History

- 2019 –  
Current

**Senior Data Scientist**  
*The Chamberlain Group Inc., Oak Brook, IL*  
Significantly improved business sales forecast using state-of-the-art time series techniques. Developed model to forecast business disruption due to Covid-19.
- 2018 – 2019

**Senior Data Scientist**  
*ARITY, Chicago, IL*  
Lead data scientist and builder of sophisticated driver-classification model using network graphs. Created predictive auto maintenance model using engine data.
- 2015 – 2018

**Senior Data Scientist**  
*Anthem Inc., Chicago, IL*  
Primary predictive model builder using insurance claims data to improve cost-of-care savings.
- 2014 – 2015

**Senior Member Technical Staff Member**  
*Open Data Group, Forrest, IL*  
Developed advanced anomaly detection techniques using real-time internet data from several Fortune 500 companies. Alert detection using Java MapReduce.
- 2012 – 2014

**Associate Scientist**  
*Fermi National Accelerator Laboratory, Batavia, IL*  
Responsible for scientific data analysis and developed nonlinear models to measure storage ring signals.

## Education

- 2001 – 2007

**Ph.D: High Energy Physics**  
*University of Washington - Seattle, WA*
- 1997 – 2001

**B.A; Physics and Mathematics**  
*The University of Tennessee - Knoxville - Knoxville, TN*

# Thomas Gadfort

Senior Data Scientist

## Contact

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- Github**  
<https://github.com/tgadf>

## Skills

- Office and OS Applications  
Windows, Unix, Mac, MS  
and Mac OS Office Suites
- Programming Languages –  
Python, R, C, C++, FORTRAN,  
PHP, Java/Scala, Perl, Shell  
scripting
- Big Data Tools – Spark,  
Hadoop, Jupyter, Git, SQL,  
Sklearn, Keras, Tensorflow
- Cloud – MS Azure, AWS
- Machine Learning –  
Gradient Boosting,  
Networks, Linear Models,  
Time Series, Deep Learning