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| 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** |     Address  Naperville, IL, 60540  Phone  206.351.4510  E-mail  tgadfort@gmail.com  LinkedIn  https://www.linkedin.com/in/thomas-gadfort-1433556  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 |

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