# **Curriculum Vitae**

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*Location:* New York, NY

Summary:

As a data scientist with a PhD degree and 5 years of work experience (see my education), I have a deep understanding of statistical modeling, machine learning, and data visualization. My career has been focused on solving complex business problems through the use of data-driven insights, and I have a proven track record of delivering measurable results (see experience section). As a data scientist with a PhD degree and 5 years of work experience (see my education section), I have a deep understanding of statistical modeling, machine learning, and data visualization (more details in skills section). My career has been focused on solving complex business problems through the use of data-driven insights, and I have a proven track record of delivering measurable results (see experience section). Example of my work can be found in analysis\_example.ipynb.

## Education:

* PhD in Computer Science, New York University, 2013-2018
* MS in Computer Science, University of California, Los Angeles, 2011-2013
* BS in Computer Science, University of Illinois at Urbana-Champaign, 2007-2011

## Skills:

* Strong knowledge of statistical modeling and machine learning techniques
* Expertise in data cleaning, feature engineering, and model selection
* Proficient in programming languages including Python, R, and SQL
* Experience with data analysis tools such as Tableau and PowerBI
* Excellent project management skills with experience leading cross-functional teams
* Strong communication and presentation skills with the ability to convey complex data insights to both technical and non-technical audiences

## Professional Experience:

**Data Scientist, ABC Corporation, New York, NY, 2018-present**

* Lead data scientist for a team of five data scientists working on projects in finance, healthcare, and retail industries
* Developed machine learning models to predict customer churn and identify upsell opportunities for a retail client, resulting in a 20% increase in revenue
* Created a dashboard to visualize customer engagement metrics for a healthcare client, resulting in a 15% increase in patient satisfaction scores
* Conducted data analysis and provided recommendations to executive leadership on strategic initiatives
* Mentored junior data scientists on best practices for data analysis and machine learning

**Data Scientist, XYZ Corporation, Los Angeles, CA, 2016-2018**

* Conducted data analysis to identify opportunities for cost savings in the supply chain, resulting in a 10% reduction in supply chain costs
* Developed machine learning models to predict customer behavior for a financial client, resulting in a 25% increase in loan approvals
* Created a dashboard to visualize key performance metrics for a marketing campaign, resulting in a 30% increase in conversions
* Collaborated with cross-functional teams to develop and implement data-driven solutions

**Data Analyst, DEF Corporation, Urbana-Champaign, IL, 2011-2016**

* Conducted data analysis to identify opportunities for process improvement in manufacturing operations
* Created reports and dashboards to visualize key performance metrics for executive leadership
* Collaborated with cross-functional teams to implement process improvements

## Certifications:

To satisfy my eagerness for knowledge, I enroll in online courses in areas of Artificial Intelligence and Software Engineering that pique my interest and undertake independent projects during my leisure hours. A few examples of such projects include:

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| * Microsoft Certified: Azure Data Scientist Associate * AWS Certified: Machine Learning – Specialty * Deep Learning Specialization - Coursera * Machine Learning Engineer Nanodegree - Udacity * React Nanodegree - Udacity | * Statistics Specialization: Introduction to Probability and Data, Inferential Statistics - by Duke University - Coursera * Python Data Science and Machine Learning Bootcamp - Udemy * Mathematics for Machine Learning Specialization - Coursera |

## Publications:

* Smith, J., and Jones, L. "A Comparative Analysis of Machine Learning Techniques for Predicting Customer Churn," Journal of Data Science, Vol. 5, No. 2, 2019.

## Professional Memberships:

* Member, Data Science Association
* Member, American Statistical Association
* Member, Institute of Electrical and Electronics Engineers (IEEE)