

## **John J S**

Machine Learning

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## **EXPERIENCE**

**Google***June 2020 - Present*

Senior Machine Learning Engineer

Engineered a fast, adaptable machine learning model that improved the efficiency of Google's search accuracy by 30%.

Led a team of five to design and implement a predictive model using deep learning algorithms, increasing the speed of data analysis by 40%.

Collaborated with cross-functional teams to improve the UI of Google's search engine, enhancing user experience by 20%.

Developed a robust data pipeline that reduced manual data extraction time by 50%.

Pioneered a novel neural network architecture that boosted the scalability of Google's recommendation system.

**Amazon***January 2017 - May 2020*

## Machine Learning Engineer

Designed and implemented machine learning systems that increased the accuracy of Amazon's product recommendation feature by 60%.

Created data models that optimized the company's warehouse management system, increasing efficiency by 25%.

Initiative led to increased customer satisfaction by 15% due to accurate and relevant product recommendations.

## **Resume Worded***February 2014 - December 2016*

### Data Scientist

Developed analytical models that helped in predicting user behavior, leading to a 45% increase in user engagement.

Designed an innovative algorithm that automated the resume review process, increasing productivity by 30%.

Led predictive analytics projects that increased website traffic by 20%.

## **Coached.com***January 2011 - January 2014*

### Data Analyst

Implemented Python scripts that automated data cleaning, saving 10 hours per week.

Visualized data using Tableau, providing valuable insights to influence business decisions.

## **EDUCATION**

**Resume Worded Academic Center***May 2020*

Master of Science in Machine Learning and Artificial Intelligence

Final project involved developing a real-time anomaly detection system using deep learning

**Resume Worded University***June 2016*

Bachelor of Science in Data Science

Part-time

Summa Cum Laude graduate

## **SKILLS**

Machine Learning: Deep Learning, Neural Networks, Decision Trees, Ensemble Methods, Gradient Boosting, Support Vector Machines

Programming & Scripting: Python (Pandas, NumPy, Scikit-learn, TensorFlow, Keras), R, SQL, Java, Scala, Bash

Big Data Technologies: Hadoop, Spark, Kafka, Hive, Presto, Airflow

Tools & Platforms: AWS (SageMaker, Lambda, EC2), Azure ML, Docker, Kubernetes, Jupyter

## **OTHER**

Certifications: AWS Certified Machine Learning – Specialty (2021), Tensorflow Developer Certificate (2020)

Publications: Contributing author in ‘Journal of Machine Learning Research’, ‘AI Magazine’

Speaking Engagements: Keynote speaker at MLConf 2021, Panelist at NeurIPS Industry Track 2019

Patents & Projects: Co-inventor on 3 patents related to scalable machine learning algorithms, Lead developer for Amazon's recommendation engine project (2018-2020)