Elanna Noceda

Machine Learning Scientist

Details

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Profile

I am a Machine Learning Scientist with over 3 years of experience. I have worked on a variety of projects ranging from image recognition to natural language processing. My expertise lies in developing machine learning algorithms, designing neural networks and optimizing machine learning models. I have extensive experience in developing and testing models, as well as extracting insights from data. I am also proficient in programming languages such as Python, Java and R. Additionally, I have experience in data analysis, visualization and reporting. My goal is to continue developing innovative machine learning models and applications that can help organizations create value from data.

Employment History

Senior Machine Learning Scientist at IBM, NY

Oct 2022 - Present

- Developed an automated machine learning algorithm for IBM Watson that achieved 95% accuracy in predicting customer service call outcomes, resulting in a 15% increase of efficiency.
- Designed and implemented neural network models to detect fraud transactions with 99.5% precision rate across multiple datasets within the company's financial services division.
- Collaborated on a project using natural language processing techniques to improve speech recognition quality by 20%, leading to more accurate voice-enabled product interactions from customers at scale.
- Optimized existing deep learning algorithms used for image segmentation tasks; improved model performance by 10%.

Machine Learning Scientist at Google, NY

Jul 2020 - Aug 2022

- Developed an artificial intelligence model that improved Google's image recognition accuracy by 15% within a 3-month period. This led to increased efficiency and cost savings for the company.
- Collaborated with colleagues from different departments in order to increase user engagement on YouTube using machine learning algorithms, resulting in a 10% viewership growth over 6 months.
- Created predictive models based on customer data which enabled Google Ads team to optimize their campaigns more effectively; this resulted in 20% higher conversion rates compared to prior year's results.
- Developed natural language processing (NLP) applications utilizing deep neural networks that helped automate tasks such as sentiment analysis, entity extraction and topic modeling across multiple channels including search engine queries – achieving 80+ percent accuracy rate within 4 weeks of deployment time frame.