Jennifer Rodriguez
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SUMMARY

New Graduate Software Engineer with a specialization in AI/ML, holding a Master's Degree and recognized for published research in machine learning, aiming to leverage my skills in developing innovative solutions.

EXPERIENCE

Research Assistant
University Research Lab, 2022–2023
- Assisted in the development of a machine learning model using PyTorch for image classification, resulting in a 25% increase in accuracy
- Collaborated with the research team to publish a paper on the application of deep learning in computer vision
- Contributed to the maintenance of the lab's GitHub repository, ensuring code quality and readability

PROJECTS

Deep Learning Image Classifier
Personal Project, 2022
- Designed and implemented a convolutional neural network using TensorFlow and Keras for image classification
- Achieved an accuracy of 90% on the test dataset and documented the project on GitHub
- Utilized Docker for containerization and deployed the model on a cloud platform

Natural Language Processing Chatbot
Academic Project, 2021
- Built a chatbot using NLTK and spaCy for text processing and integrated it with a machine learning model for intent detection
- Implemented a dialogue management system using Python and deployed the chatbot on a web platform
- Conducted user testing and gathered feedback to improve the chatbot's performance

TECHNICAL SKILLS

Languages: Python, Java, C++
Frameworks: TensorFlow, PyTorch, Keras
Cloud: AWS, GCP, Azure
Tools: Git, Docker, Jenkins
Databases: MySQL, MongoDB, PostgreSQL
OS: Windows, Linux, macOS

EDUCATION

Master of Science in Computer Science, Stanford University, 2023
GPA: 3.9/4.0
Relevant Courses: Machine Learning, Deep Learning, Natural Language Processing, Computer Vision
Thesis: "Application of Deep Learning in Image Classification"
Published Research: "A Novel Approach to Image Classification using Convolutional Neural Networks" in the Journal of Machine Learning Research