

DAMIANA SOLTES

Machine Learning Engineer

damiana.soltes@gmail.com

(423) 305-9416

Dover, DE



PROFILE

Machine Learning Engineer with 3 years' experience in developing and deploying scalable models. Proven track record of optimizing algorithms and enhancing data pipelines. Skilled in Python, TensorFlow, and cloud platforms, driving impactful AI solutions in dynamic environments.

LINKS

[linkedin.com/in/damianasoltes](https://www.linkedin.com/in/damianasoltes)

SKILLS

Python

TensorFlow

PyTorch

Scikit-learn

Keras

NLP

Pandas

Docker

LANGUAGES

English

Portuguese

HOBBIES

Photography

Cooking

Gardening

EMPLOYMENT HISTORY

Senior Machine Learning Engineer at OpenAI, DE

Apr 2025 - Present

- Spearheaded the development of a natural language processing model that improved text classification accuracy by 17%, reducing false positives in sentiment analysis applications.
- Led a cross-functional team of 8 engineers and data scientists to optimize neural network architectures, cutting training time by 32% and enhancing computational efficiency across multiple projects.
- Implemented an automated anomaly detection system in production environments, increasing system reliability by identifying potential failures 48 hours earlier than previous methods.

Junior Machine Learning Engineer at DeepMind, DE

Mar 2022 - Mar 2025

- Implemented a novel algorithm that improved model accuracy by 12.3%, accelerating data processing times by 18% across multiple projects.
- Collaborated with a cross-functional team of 7 to optimize machine learning pipelines, reducing computational costs by approximately \$23,400 annually.
- Spearheaded the integration of new data sources for predictive modeling, resulting in a 15% increase in forecast reliability and supporting strategic decision-making initiatives.

EDUCATION

Master of Science in Machine Learning at University of Delaware

Nov 2017 - May 2022

Relevant Coursework: Advanced Machine Learning, Statistical Learning Theory, Deep Learning, Natural Language Processing, Reinforcement Learning, Data Mining, and Computational Statistics.

CERTIFICATES

AWS Certified Machine Learning - Specialty

Jan 2024

Microsoft Certified: Azure AI Engineer Associate

May 2022

MEMBERSHIPS

IEEE Computer Society

Association for Computing Machinery (ACM)