SENIOR AI/ML ENGINEER – CANDIDATE A6

Profile

AI/ML Research Scientist with 13 years in biomedical AI and clinical research. Skilled in model interpretability, federated learning, and publishing peer-reviewed results.

Experience

Principal ML Scientist, BioML Institute; Heidelberg, Germany — 2018–Present
Led federated learning research across 6 hospitals. Published in NeurIPS and Nature Medicine.

AI Researcher, MedNet AI; Freiburg, Germany — 2014–2018
Developed interpretable diagnostic models for radiology. Applied SHAP and LIME on CNNs.

Postdoc Researcher, EMBL; Heidelberg, Germany — 2011–2014
Worked on protein structure prediction models using ensemble learning. Co-authored 5 publications.

Education

Heidelberg University, Heidelberg — Ph.D. in Machine Learning for Biomedicine, 2011
University of Milan, Milan — M.Sc. Bioinformatics, 2007

Skills

Python, PyTorch, Federated Learning, SHAP, LIME, TensorFlow, Bioinformatics, Pandas, Scikit-learn

Awards

NeurIPS Best Paper Nominee | Nature Medicine Published Author | TensorFlow Certified Developer