Isabella Rossi

AI Ethics Researcher

Email: isabella.rossi@email.com

Location: Rome, Italy

Experience: 4 years

Professional Summary

AI ethics researcher with 4 years experience studying fairness and bias in machine learning systems. Expert in Python analysis, research methodology, and AI governance.

Professional Experience

Senior AI Ethics Researcher | European AI Institute | 2022 - Present

- Led research on algorithmic bias detection using Python and statistical analysis across 50+ AI systems

- Published 8 papers on AI fairness and ethics at top-tier AI conferences (FAccT, AIES, ICML)

- Built open-source bias evaluation toolkit adopted by 100+ AI research teams globally

AI Ethics Researcher | Tech Ethics Lab | 2021 - 2022

- Developed fairness metrics for computer vision models using Python and machine learning evaluation frameworks

- Conducted algorithmic audits for government AI procurement identifying bias in 30% of systems

- Collaborated with policymakers on AI regulation and governance frameworks

Research Assistant | University AI Lab | 2020 - 2021

- Analyzed algorithmic decision-making systems for demographic bias using Python and statistical methods

- Published research on explainable AI and algorithmic transparency

Technical Skills

- **Research:** 4 years AI Ethics, 3 years Machine Learning, 4 years Python, 3 years Statistics

- **AI:** 2 years Computer Vision, 2 years Natural Language Processing, 3 years Data Analysis
- **Academic:** 4 years Research, 6 publications, 2 years Grant Writing

Education

Ph.D. Computer Science (AI Ethics) | Sapienza University of Rome | 2024 (Expected)
M.S. Artificial Intelligence | University of Bologna | 2020
B.A. Philosophy | Sapienza University of Rome | 2018

Publications

- "Bias Detection in Computer Vision: A Systematic Analysis" - ICML 2023
- "Fairness in NLP: Cross-lingual Bias Evaluation" - FAccT 2023