Stanford

Abdoul Jalil Djiberou Mahamadou

Postdoctoral Scholar, Biomedical Ethics

📄 Curriculum Vitae available Online

Bio

BIO

Dr Abdoul Jalil Djiberou Mahamadou is a Postdoctoral Fellow at the Center for Biomedical Ethics working on the identification of ethical, social, and legal considerations arising in the context of AI and the drug discovery and development process in partnership with GSK.ai. Part of his current work focuses on designing policies for the responsible use of AI to mitigate algorithmic unfairness. Before his appointment at Stanford, Dr. Djiberou completed a Mitacs Industrial Postdoctoral Fellowship at Simon Fraser University where he worked on the identification of lifestyle factors contributing to successful cognitive aging in the older adult population using Machine Learning techniques. He holds a Ph.D. and an M.Sc. in Computer Science and an M.Eng. in Applied Mathematics from Université Clermont Auvergne, and a B.Sc. in Applied Mathematics from the University of Fez. His Ph.D. dissertation focused on the development of new unsupervised machine learning models and their applications to health data mining. In 2019, Dr. Djiberou was named the best Nigerien student in France based on academic performance by the Réseau des Etudiants Nigériens de France.

HONORS AND AWARDS

- Mitacs Accelerate Industrial Posdoctoral Fellow Grant, Mitacs (2022)
- Start-up funding, eTakara Niger and IsDB (2019, 2021)
- Best Nigerien Student in France, Réseau des Etudiants Nigériens de France (2019)
- Ph.D. Funding, French National Agency of Research (2018)

PROFESSIONAL EDUCATION

- Ph.D., Clermont Auvergne University , Computer Science (2021)
- M.Sc, Clermont Auvergne University , Computer Science (2018)
- M.Eng, Clermont Auvergne University , Applied Mathematics (2018)
- B.Sc, University of Fez , Applied Mathematics (2015)

STANFORD ADVISORS

- Russ Altman, Postdoctoral Faculty Sponsor

LINKS

- Personal webpage: www.abdjiber.github.io
- LinkedIn Profile: https://www.linkedin.com/in/abdoul-jalil-djiberou-mahamadou-5807b5105/

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Identify ethical, legal, and social considerations arising in the context of AI in the drug discovery process.

LAB AFFILIATIONS

- Russ Altman, Altman Lab (6/19/2023)