OLAWALE SALAUDEEN

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EDUCATION

University of Illinois at Urbana-Champaign   *August 2019 - Present*
Ph.D. Candidate
Department of Computer Science
Advisor: Sanmi Koyejo

Texas A&M University   *August 2015 - May 2019*
Bachelor of Science with Honors, Mechanical Engineering
Minors in Computer Science and Mathematics

RESEARCH INTERESTS

Deep Learning, Transfer Learning (Domain Adaptation/Generalization), Causal Inference/Discovery, Causality-Inspired Machine Learning, Probabilistic Graphical Models

PUBLICATIONS

Workshop Papers

1. **Olawale Salaudeen**, Oluwasanmi Koyejo. **Exploiting Causal Chains for Domain Generalization**
   Conference on Neural Information Processing Systems (NeurIPS), 2021. Workshop on Distribution Shifts – Connecting Methods and Applications

Abstracts

1. Brad Sutton, Aaron Anderson, Benjamin Zimmerman, Paul Camacho, Riwei Jin, Charles Marchini, **Olawale Salaudeen**, Natalie Ramsy, Davide Boido, Serge Charpak, Andrew Webb, Luisa Ciobanu . **Ultra-fast 3D fMRI to explore cardiac-induced fluctuations in BOLD-based functional imaging**
   International Society for Magnetic Resonance in Medicine (ISMRM), 2022 (To Appear)

INVITED TALKS

1. Denoising via probabilistic graphical model augmentation of ICA-AROMA
   University of Illinois at Urbana-Champaign Beckman Institute Graduate Student Seminar

INTERNSHIPS

Student Researcher, Google   April 2022 - Present 2022
Remote; Urbana, IL

R&D Intern, Sandia National Laboratories   May 2017 - April 2022
Albuquerque, NM

RESEARCH EXPERIENCE

Undergraduate Researcher, tethered robot motion planning   Ocbober 2018 - May 2019
Texas A&M University, Professor Dylan Shell

Undergraduate Researcher, computational thermodynamics (HVAC)August 2016 - October 2018
Texas A&M University, Professor Charles Culp

SERVICE

Reviewing

International Conference on Machine Learning (ICML)	2022
NeurIPS Black In AI (BAI) Workshop	2021

University of Illinois at Urbana-Champaign

Graduate Study Committee, 1 of 2 Graduate Student Members	2022
Broadening Participation in Computing, Engagement Subcommittee Member	2021 - Present
Graduates Engineers Diversifying Illinois, Mentor	2020 - Present
Institute for Inclusion, Diversity, Equity, and Access (IDEA), Affiliate Member	2020 - Present

Mentorship

Distributed Research Experiences for Undergraduates (DREU)	2021

HONORS AND AWARDS

NSF Miniature Brain Machinery Research Trainee *University of Illinois at Urbana-Champaign*	2021
GEM Associate Fellow *University of Illinois at Urbana-Champaign*	2021
Beckman Institute Graduate Fellow *University of Illinois at Urbana-Champaign*	2020
Sloan Scholar *Alfred P. Sloan Foundation's Minority Ph.D. (MPHD) Program*	2019
Masters Fellowship Program (declined) *Sandia National Laboratories*	2019
Mechanical Engineering Advisory Council Scholarship *Texas A&M University*	2018
Foundation Excellence Award *Texas A&M University*	2017
Pi Tau Sigma, Sigma Delta *National Mechanical Engineering Honors Society*	2016
Craig and Galen Brown Honors College of Engineering *Texas A&M University*	2015
Regents Scholar Program *Texas A&M University*	2015