

# OLAWALE SALAUDEEN

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## EDUCATION

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**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

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

## PUBLICATIONS

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### 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

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1. Denoising via probabilistic graphical model augmentation of ICA-AROMA

*University of Illinois at Urbana-Champaign Beckman Institute Graduate Student Seminar*

## INTERNSHIPS

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Student Researcher, Google

April 2022 - Present 2022

*Remote; Urbana, IL*

R&D Intern, Sandia National Laboratories

May 2017 - April 2022

*Albuquerque, NM*

## RESEARCH EXPERIENCE

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Undergraduate Researcher, tethered robot motion planning

October 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

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### 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

Vikram Duvvur, Undergraduate Researcher (UIUC)	2021 - 2022
Ahmed Elsayed, Undergraduate Researcher (DREU @ UIUC)	2021

## HONORS AND AWARDS

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