

Abdul-Nasah Soale –Curriculum Vitae

Address 1319 W Susquehanna Ave,
Philadelphia, PA, 19122

Mobile Phone +1 (267) 207 5035
Email abdul-nasah.soale@temple.edu

Research Interest

I am interested in sufficient dimension reduction, machine learning, network modeling, and financial econometrics.

Education

Aug. 2016-Present Ph.D. Statistics - Temple University, Philadelphia, PA

Aug. 2016- May. 2018 MS Statistics - Temple University, Philadelphia, PA

Jan. 2015- Aug. 2016 MS Mathematical Sciences - East Tennessee State University, Johnson City, TN
Thesis: Statistical Analysis of Spatio-Temporal Point Processes

Aug. 2008-May. 2012 BSc Actuarial Science - Kwame Nkrumah University of Science and Technology, Ghana
Final Year Project - Time Series Analysis of Ghana's Prime Interest Rate

Teaching Experience

Fox School of Business

Instructor (Undergraduate Courses) :
Quantitative Methods for Business I
Quantitative Methods for Business II

Teaching Assistant (Graduate Courses) :
Multivariate Analysis I
Statistical Methods for Business Research II

East Tennessee State University

Teaching Assistant (Undergraduate Courses) :
Linear Algebra
Calculus I & II
Probability & Statistics

Tamale Senior High School, Ghana

Instructor: Core & Elective Mathematics

Employment History

Jun. 2018 - Philadelphia Parking Authority, 701 Market St, Philadelphia, PA

Aug. 2018 *Executive Intern*

Leadership Academy (Initiator and facilitator for Microsoft Office Suite and Smartsheet)
Statistical analysis of ticket violations and payment default rate

Jun. 2012 - Choice Ghana, Salaga, Savannah Region, Ghana

Dec. 2014 *Research & IT Officer | Trainer*

- Designed questionnaires for data collection, analyze data using SPSS, designed and managed the website, Microsoft Excel training for staff
- ActionAid-Ghana Certified Trainer of Community facilitators

Software Engineering Skills

■ Programming Languages

R, Python, Java, C++

ASP.NET, C#, PHP, MySQL

■ Web Development

HTML5, CSS, JavaScript, WordPress, Apache Web Servers

■ Miscellaneous

Microsoft SQL Server 2008, Microsoft Access - database architecture and administration

Microsoft Excel VBA - Macros and visual basic applications

Project Management - Smartsheets

Publications & Conference Presentations

Oct. 2019 On expectile-assisted inverse regression estimation for sufficient dimension reduction
Abstract accepted at The 3RD International Conference On Statistical Distributions and Applications
Central Michigan University, Grand Rapids, MI

Jun. 2019 Clustered Covariate Regression.
Submitted to the Journal of Econometrics.
Available at SSRN 3394012.

Mar. 2019 Principal Asymmetric Least Squares for Sufficient Dimension Reduction
Presented at Cook's Distance and Beyond
University of Minnesota, Minneapolis, MN

Interests

- **Creative Writing, Running, Football, Tennis**

Referees

Name Yuexiao Dong (Advisor)
Department Statistical Science
Institution Temple University
Position Associate Professor
Contact ydong@temple.edu

Name Pallavi Chitturi
Department Statistical Science
Institution Temple University
Position Research Professor
Contact chitturi@temple.edu