

Abdulrahim Sheikhnureldin

asheikhnureldin@gmail.com | abdulrahims.me

EDUCATION

GEORGE WASHINGTON UNIVERSITY

May 2017 | Washington, D.C.
B.A. COMPUTER SCIENCE
Data Science Technical Track
B.A. POLITICAL SCIENCE

COURSEWORK

Intro to Software Development
Algorithms and Data Structures
Intro Statistics in Social Science
Discrete Structures
Software Engineering
Database Systems
Visualizing and Modeling Politics
Algorithms
Computer Architecture
Introduction to Data Science
Big Data and Analytics
Foundations of Computing
Policy in the Cyber Age
Political Science Research Methods
IBM Watson Platform

SKILLS

PROGRAMMING

Skilled in:
R • SQL • Java
Experience with:
Python • HTML • Javascript

SOFTWARE

Tableau • Microsoft Office • QGIS

LINKS

Github:// [abdulrahims](#)
LinkedIn:// [abdulsheikh](#)
Personal:// [abdulrahim](#)

PROJECTS

- Twitter Mining and Visualizing the 2016 Presidential Election Candidates' Tweets
- Geographic Heatmap Visualizations of Pew Climate Change Survey Data
- Hate Rate: A web application built at HackNC that uses IBM Watson's Tone Analyzer API to detect sentiment from text with the aim of combating cyberbullying and online harassment

MITRE | DATA SCIENTIST

June 2017 - Present | Mclean, VA

- Computational Social Science group in the Model-based Analytics department.

COGNOSANTE | DATA ANALYTICS INTERN

Oct 2016 - June 2017 | Mclean, VA

- Automation of health care case issue resolution techniques using NLP methods.
- Assess issuer performance through data analytics on consumer records.

CATALIST | ANALYTICS INTERN

Sep 2015 - Dec 2015 | Washington, D.C.

- Web scraping and automated collection of election data.
- Query databases of information on Vertica using SQL.

D3 SYSTEMS | STATISTICS INTERN

May 2015 - Aug 2015 | Mclean, VA

- Survey methodology, automated sampling, analysis, and data visualization.
- Management of a database of hundreds of millions of phone numbers.
- Development of a web application framework in R (Shiny) to automate and visualize survey sampling and responses rates.

BLUELABS | INTERN

Jan 2015 - May 2015 | Washington, D.C.

- Worked with analytics team on projects using tools such as R, SQL, and Tableau.
- Developed geographic maps of election results based on historical data.

RESEARCH

NC STATE UNIVERSITY | LEAD UNDERGRADUATE RESEARCHER

May 2016 - August 2016 | Raleigh, NC

Worked under Dr. Tim Menzies as part of a National Science Foundation Research Experience for Undergraduates program researching hypotheses using data from large tech companies such as IBM. Explored the effect of code dependencies on the quality of software projects. Presented at the Undergraduate Research Symposium.

AWARDS & PUBLICATIONS

2019	US Maternal Mortality Rate & Access To Data	Health Affairs
2015	Fall 2015 Dean's List	GWU
2014	Fall 2014 Dean's List	GWU
2014	Writing and Research Conference Nominee	GWU
2013	Dean's Commendation List	GWU

ORGANIZATIONS

2016 - 2017	GW DATA	Chief Technology Officer
2014 - 2015	Resident Hall Association	Communications Chair

CONFERENCES & EVENTS

Machine Learning in a Data-Driven World: What Does It Mean for Public Policy?
Fairness by Design: How Can Big Data Advance Opportunity for All?
Criminal Justice Reform and Machine Learning
Visualized: Political Data