

# Abdulrahim Sheikhnureldin

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## EDUCATION

### GEORGE WASHINGTON UNIVERSITY

Expected May 2017 | Washington, D.C.

#### B.A. COMPUTER SCIENCE

School of Engineering and Applied Sciences

Data Science Technical Track

#### B.A. POLITICAL SCIENCE

Columbian College of Arts and Sciences

## LINKS

Github:// [abdulrahims](#)

LinkedIn:// [abdulsheikh](#)

## COURSEWORK

Algorithms and Data Structures

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

## SKILLS

### PROGRAMMING

Skilled in:

R • SQL • Java

Experience with:

Python • C • Javascript

### SOFTWARE

QGIS • Tableau • Microsoft Office

## PROJECTS

- Twitter Mining and Visualizing the 2016 Presidential Election Candidate's Tweets

- Geographic Heatmap Visualizations of Pew Research Center 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

## EXPERIENCE

### COGNOSANTE | DATA ANALYTICS INTERN

Oct 2016 - Present | Mclean, VA

- Automation of health care case issue resolution via machine learning techniques and natural language processing methods.

### CATALIST | ANALYTICS INTERN

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

- Utilize R and packages such as Rvest to automate the collection of election data in a usable format.
- Web scraping and data acquisition.
- Query databases of information on Vertica using SQL.

### D3 SYSTEMS | STATISTICS INTERN

May 2015 - Aug 2015 | Mclean, VA

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

### BLUELABS | INTERN

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

- Worked with analytics and data teams on interesting data-related projects using data analysis tools such as R and visualization tools such as Tableau .
- Learned about the applications of big data in making a social and political impact.
- Familiarized with important aspects and functions of a data-driven organization.

## RESEARCH

### NORTH CAROLINA STATE UNIVERSITY | LEAD UNDERGRADUATE RESEARCHER

May 2016 - August 2016 | Raleigh, NC

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

## AWARDS

2015 Fall 2015 Dean's List

2014 Fall 2014 Dean's List

2014 Writing and Research Conference Nominee

2013 Dean's Commendation List

George Washington University

George Washington University

George Washington University

George Washington University

## ORGANIZATIONS

2016 - 2017 GW DATA

2014 - 2015 Resident Hall Association

Chief Technology Officer

Communications Chair