

# NATHAN SCHEPERLE

DATA SCIENTIST

Charlotte, NC

T: 417-379-2099 // E: Nathan.Scheperle@gmail.com

## EDUCATION

- Aug. 2018 - May 2020** **DUKE UNIVERSITY**  
**MS in Data Science**  
GPA: 3.8  
Cohort social chair  
Coursework including machine learning, NLP, high dimensional data analysis, and Bayesian modeling
- Aug. 2011 - May 2015** **UNIVERSITY OF ARKANSAS**  
**BS in Mathematics and Economics, Physics minor**  
*summa cum laude*  
Honors: Phi Beta Kappa, Dean's List  
Research:  
• "Robust Krylov Subspaces"  
• "Socioeconomic Indicators of Food Bank Clientele"
- Sep. 2013 - July 2014** **LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE**  
**General Course - Junior year abroad**  
Mathematics and economics

## EXPERIENCE

- Jan. 2019 - Present** **DUKE UNIVERSITY**  
**DURHAM, NC**  
**Graduate Research Assistant**  
Department of Economics  
• Processed, cleansed, and merged manufacturing industry data for economic analysis on Teradata  
Duke Clergy Health Initiative  
• Data engineering and automation for survey analysis through data pipeline development and relational database management
- June 2019 - Aug. 2019** **WELLS FARGO**  
**CHARLOTTE, NC**  
**Data Science Intern**  
Modeled mortgage bid tape auction data to optimize asset acquisition strategy using Python and Spark
- July 2015 - July 2018** **GENERAL MOTORS**  
**CHANDLER, AZ**  
**Data Analyst and BI Software Developer**  
• Developed database and business solutions to reduce warranty claims and improve quality of GM vehicles.  
• Improved throughput of Global Analysis Reporting Tool application by 40% through performance analysis and query tuning  
• Collaborated on developing and executing strategy to migrate application database from SAS's SPDS database management system to IBM's DB2.

## PROFILE

Curious and calculating data scientist fresh out of graduate school with 3 years of industry experience. Successful history of identifying patterns, making interpretations, and producing reports from diverse data. Skills in data management, automation, and software development practices.

## SKILLS

Python	<div></div>
SQL	<div></div>
Spark	<div></div>
Shell scripting	<div></div>
R	<div></div>
SAS	<div></div>
AWS	<div></div>

## CERTIFICATIONS

- SAS Base Programmer for SAS 9
- SAS Advanced Programmer for SAS 9