

# MATTHEW LEARY

Data Scientist | Veteran | Tottenham Hotspur supporter

I enjoy working with data to find and deliver insights, solve business problems, and build tools that help people work more efficiently. I found my way into data science after 10+ years working in public policy and public relations.






## EDUCATION

- **M.S., Decision Analytics | M.B.A.**  
Virginia Commonwealth University Richmond, VA
  - Distinguished Alumni Award for developing an alumni analytics meetup group
- **B.S., Political Science**  
Campbell University Buies Creek, NC

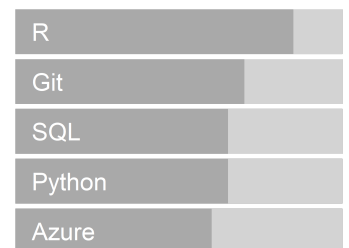
## PROFESSIONAL EXPERIENCE

- **Data Scientist**  
Markel Corporation Richmond, VA
  - Data science developer on an agile sprint team managing applications that prioritize and monitor incoming business submissions at a Fortune 500 company
  - Develops, maintains, and deploys machine learning models, primarily GLMs, decisions trees, and dabbling in unsupervised techniques
  - Conducts ad hoc analysis to diagnosis trends, analyze model performance, and make business recommendations based on data and statistical tests
  - Experienced with the continuous deployment of machine learning models & applications to production environments with Azure DevOps
  - Communicates technical matters, such as model selection and maintenance, to business owners and works to advance the analytics capabilities within the company
  - Regularly uses R, Python, Git, SQL, Azure DevOps
  - Sources data from databases, API calls, XMLs, JSON, PDFs, free text, etc.
  - R advocate within the organization, exploring the development of internal R packages
- **Legislative and Military Liaison**  
Virginia Department of Motor Vehicles Richmond, VA
  - Advisor to the commissioner and senior executives of an 1,800-person organization, representing the commissioner at the state legislature and senior-level meeting
  - Communicated agency policies to the General Assembly and Military installations
  - Project manager for a study requested by the General Assembly, coordinating with external stakeholders to include state agencies and private businesses
  - Explored automating manual reports and with R
- **Print Journalist | Public Affairs Manager**  
U.S. Army Fort Bragg, NC
  - Served in a variety of journalism and public relations roles with the 82nd Airborne Division, U.S. Military Academy and a Special Forces unit, including two deployments to Afghanistan
  - Managed small, technical teams supporting high-risk training and deployments
  - Provided consequence management planning for more than 20 Special Forces units training off military property, coordinating with law enforcement to inform the public
  - Named Distinguished Honor Graduate and Distinguished Leader Graduate during two Army leadership training courses

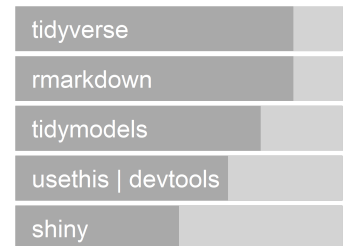
## CONTACT

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## TECH SKILLS



## R SKILLS



## LEARNING FOCUS

