MATTHEW LEARY

Data Scientist | Veteran | Tottenham Hotspur supporter

I enjoy working with data to solve business problems and build tools that help people work more efficiently. I found my way into data science and will stay for the business research & understanding, continual learning of new techniques & skills, and the dash of detective work that keeps it interesting.

Previously, I worked in public policy and public relations. Less exciting, although it taught me the importance of clear and direct communication.
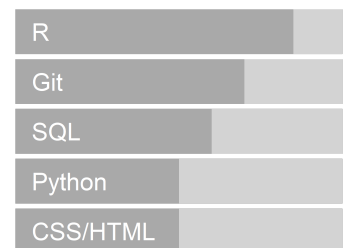
🎓 EDUCATION

M.S., Decision Analytics | M.B.A.

Virginia Commonwealth University

📍 Richmond, VA

- Awarded Distinguished Alumni Award for developing an alumni analytics meetup group

B.S., Political Science

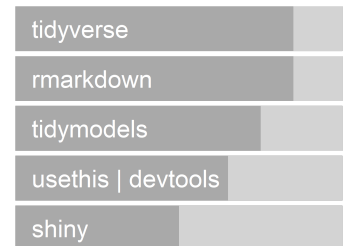Campbell University

📍 Buies Creek, NC

💼 PROFESSIONAL EXPERIENCE

Data Scientist

Markel Corporation

📍 Richmond, VA

Present | 2018

- Data scientist on an agile sprint team managing applications that help prioritize and monitor incoming business submissions
- Develops, maintains, and deploys machine learning models, primarily GLMs, decisions trees, and dabbling in unsupervised techniniques
- Experienced with the continuous deployment of machine learning models & applications to production environments with Azure DevOps
- Part of a small team developing a new client prospecting system based on third-part data and past business activity
- 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, and sources data from databases, XMLs, API calls, etc.
- R advocate within the organization, exploring the development of internal R packages and promoting it's use for analytics
- Co-chairman of the Markel Veteran's Network, an Employee Resource Group

Legislative and Military Liaison

Virginia Department of Motor Vehicles

📍 Richmond, VA

2018 | 2014

- 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

2014 | 2005

- 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
- Named Distinguished Honor Graduate and Distinguished Leader Graduate from leadership training courses

CONTACT

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- in linkedin.com/mbleary
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CODING SKILLS

- R
- Git
- SQL
- Python
- CSS/HTML

R SKILLS

- tidyverse
- rmarkdown
- tidymodels
- usethis | devtools
- shiny

LEARNING FOCUS

- Software Engineering
- Python
- Applied Statistics
- SQL
- Deep Learning