DATA SCIENTIST POSITIONS at VOXGOV

voxgov provides user access to official U.S. Federal government news, media and information sources including social media. With 11.5+ million documents growing by 250,000+ monthly, we are looking for Data Scientists (interns and employees) who know about scalable machine learning and data analysis to come to our company, make some concrete proposals, and do amazing things with our data. Candidates must be comfortable with implementing scalable machine learning algorithms and the related visualization, diagnostics, and testing. The candidate will work on scalable machine learning projects that can include information retrieval, recommendation systems and statistical natural language processing. Candidates will be communicating all findings and recommendations to the senior management team.

The successful applicant(s) will be working in consultation with Professor David Blei (Institute of Data Sciences and Engineering, Columbia University) and Professor Gregory Wawro (Department of Political Science, Columbia University). A genuine interest in politics and government is an advantage.

Responsibilities

• Build statistical models to analyze the data, content, meaning and insights.
• Pro-active sanity checking and debugging of data and logs.
• Document analysis and process via code and shared documentation.
• Build machine learning and topic modeling algorithms.
• Build tools and apps for internal and external (consumer-facing) stakeholders.
• Build understandable dashboards as well as bespoke, custom analysis.
• Participate in team and board brainstorming activities.
• Work with business stakeholders to help make data-driven decisions.
• Scope and define business problems.
• Translate business problems to data problems and solve.
• Prepare written reports and presentations for internal and external audiences.
• Contribute to a culture of collaboration and transparency.

Skills

• Degree in Computer Science, Statistics, Machine Learning, Mathematics, Physics (or another quantitative discipline).
• Applied scholastic and/or career experience in data analysis and problem solving with large amounts of diverse data and content types.
• Expert in one or more of machine learning algorithms, statistics, visualization, data engineering, and natural language processing.
• Knowledge of relational databases and methods for efficient data retrieval.
• Ability to think creatively to solve complex problems.
• Ability to autonomously manage simultaneous projects focused on different outcomes.
• Ability to work independently yet collaborate with management team.
• Must have strong verbal and written communication skills. Ability to communicate the results of analyses in a clear and effective manner.
• Demonstrate interest in and understanding of core issues unique to politics and/or government.
• Enthusiasm and ability to seek out and learn new technologies and algorithms outside immediate toolset to solve analytical problems.
• Demonstrates curiosity and ability to continually ask questions.

Tech Skills

Read and write code
R, D3, C/C++, Java, Perl, Python, and Ruby
.NET stack (MVC 3, C#, Razor, SQL Server)
Azure Cloud, AWS, S3,

How to Apply

• Send an email to info@voxgov.com
• Put the job position’s title in the subject line of your email.
• Send a link to an online resume or attach a PDF to your email.
• Describe briefly why you are the right for this job.
• Include your salary requirements in the body of the email.