



Position Title: Junior Data Scientist

Schedule: Full-time with benefits

Location: Washington, DC 20005.

Functional and Relational Responsibilities: Reports to the Vice President of Research. Works in partnership with the other departments within SVA.

Education: Bachelor's degree or higher from an accredited college or university in a quantitative field (e.g., statistics, computer science, math, economics). Graduate students encouraged to apply.

Experience: A background in data science, applied mathematics, social sciences, or higher education with at least one year of work experience in data analysis, data programming, survey analytics, or program evaluation.

Summary: Student Veterans of America (SVA) is looking for a Junior Data Scientist to support the organization's continued efforts to provide innovative research findings and results to our chapters, partners, policy makers, and stakeholders. This position will help the organization continue to make data-driven decisions; discover existing and help to predict future trends within our data; share results and findings with our constituents, partners, policy makers, and stakeholders; and through programs evaluation provide insight into ways to improve the customer experience (CX) for our members, partners, and funders.

Responsibilities

- Employ analytics programs, machine learning, and statistical methods to prepare project and organizational data for use in predictive and prescriptive modeling
- Assist with preparing results and findings for external audiences
- Assist with transforming data and analysis into informative data visualizations and dashboards using open-source and commercially available visualization and dashboard tools
- Data mining of external, organizational, and project data to derive new insights
- Augment organizational data with open-source data when needed
- Assist with creating, implementing, analyzing, and reporting on annual survey projects
- Process, clean, and verify the integrity of data used for analysis
- Other duties as assigned

Skills and Qualifications

- Experience with data science, data mining, statistics, or graph algorithms in an academic or commercial environment
- Applied statistics skills, such as distributions, statistical testing, regression, etc.
- Ability to write scripts in R or Python to conduct exploratory and advanced statistical analyses
- Experience with data visualization techniques and tools such as Tableau, RShiny, or D3.js
- Excellent written and verbal communication skills

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