



Wilson Consulting Group

# DATA ANALYST & SCIENTIST INTERNSHIP

Wilson Consulting Group (WCG) is an innovative cybersecurity consulting firm based in Washington D.C. We specialize in governance, compliance and risk management services, providing our clients with strategic guidance, technical solutions, and business advice to best serve their individual needs.

WCG is dedicated to advancing diversity and inclusion in business, society, and within our firm. We have developed a PAID holistic and intensive cybersecurity internship program for undergraduate and graduate college students.

## Who We Are Looking For

WCG is hiring intelligent, hardworking, and passionate students who are studying Data Analytics, Data Science, Computer Science, Electrical Engineering, Management Information Systems, Business Administration, or the equivalent in experience. Students should have completed their second year of coursework.

## Responsibilities

Students will work with experienced staff in teams to pool together and enhance their experiences and data analytics, technical communication, problem solving, project management, leadership, and interpersonal skills to help solve current IT challenges and cybersecurity threats.

**DATA ANALYST & SCIENTIST INTERNS WILL WORK TOWARD THE FOLLOWING OBJECTIVES BUT ARE NOT LIMITED TO:**

- Analyze multiple data sources to collect, consolidate, validate, and manage Enterprise IT data using tools such as Microsoft Excel, Microsoft SharePoint, Microsoft Visio, and Power BI. Data sources will be wide and varied.
- Perform detailed analysis to normalize information, extrapolate observations, define trends and opportunities for improvement
- Collect and integrate IT-related data, engagement with stakeholders to elicit and track project progress
- Review and maintain data models and data quality in association with other Data analysts
- Utilize SQL to extract historical data from databases and use Excel to establish scorecard system
- Develop data visualization systems
- Create presentation materials for Program Team leadership utilization and present as required
- Organize/Facilitate/Document program meetings with stakeholders, and
- Develop regular status reports for use by the Program Team in dealing with Senior Leaders and external agencies

## General Skillsets And Requirements

- Demonstrated analytical skills with ability to define, collect, and analyze data, establish facts, draw valid conclusions, and make fact-based recommendations.
- SQL, Python, Tableau, Power BI, Google Analytics, Excel and advance analytics method including correlation, regression, classification, clustering, A/B testing, etc.
- Ability to work both independently and with a team within a collaborative client environment
- Functional understanding of data center operations and cloud computing platforms
- Experience with IT metrics and KPI definition and reporting
- Data management experience in an IT environment
- Proficient in Microsoft Excel (including Pivot tables)

## Overall Outcome

Students will gain practical, hands-on business and technical skills, work on real high-level client projects and major tasks, produce project deliverables, gain a professional reputation, and become competitive in the information technology, information security and cybersecurity industries. This will result in gainful employment in these fields and address the specific challenges facing disadvantaged communities and STEM and Communications.

WCG will conduct a **performance review** of students and provide these results to the students' respective universities for internship credits.

## Work Location

Because of the COVID-19 Pandemic, students will be working remotely through a WCG-commissioned laptop computer.

**Please submit your resume and cover letter to [humanresources@wilsoncgrp.com](mailto:humanresources@wilsoncgrp.com).  
Kindly indicate which position you are applying for in the headline of email.**