WAVE Welcome

Data Science Intern

Job Title: Data Science Intern
Company Job Code: 23-00012

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FLSA Status: Non-Exempt

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Division/Department: IT

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EEO Code: Professional

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Reports to:
System Engineer

Salary Grade/Band: NX-05

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Last Revision Date: August 15, 2023

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Location: National Harbor, MD (Hybrid is acceptable during school year)

Duration: 2023 to 2024 Academic Year

Hours: Part-Time

About Wave Welcome:

Wave Welcome is a one-stop technology provider who partners with organizations to deliver digital transformation, IT modernization, cyber risk compliance, and strategic planning services for realizing increased efficiency through the practical application of data analytics, technology, automation, process improvement and people-centric solutions. These transformational strategies and solutions are based on successful engagements in multiple industry sectors and are designed to help organizations streamline, evolve, thrive, and achieve their enterprise level goals and objectives.

What separates Wave Welcome from other firms that offer similar services is that we take special pride in partnering with colleges and universities to identify diverse candidates who we work with in the delivery of technology and process improvement related services, to provide hands-on experience for young career professionals who are equipped with the skills and experience necessary to further diversify the career pipeline.

Wave Welcome is a Maryland Department of Transportation (MDOT) certified Minority Business Enterprise (MBE), Capital Region Minority Supplier Development Council MBE, Prince George's County (MD) MBE and County-Based Small Business, Maryland Small Business Reserve, Pennsylvania MBE, WSSC SLBE, and Federal Small Disadvantaged Business.

Position Summary:

We are seeking a highly motivated and creative Data Science Intern to work collaboratively with our team on analyzing cancer registry and other datasets. The intern will help develop a vulnerability index using data visualization and analytics tools, such as Metabase, PowerBI, and Tableau. The objective of this internship is to find correlations between datasets for predictive analysis of future health outcomes and financial costs.

Responsibilities:

- Assist in the collection, cleaning, and preprocessing of large and complex cancer registry and census datasets
- Work collaboratively with team members to analyze and interpret patterns and trends
- Develop and implement statistical models and machine learning algorithms to predict health outcomes and financial costs
- Create visually informative dashboards and reports using tools like Metabase, PowerBI, and Tableau
- Conduct thorough quality control and validation of analytical results
- Present findings to internal teams and potentially external stakeholders
- Assist in documenting methodology, results, and creating standard operating procedures
- Participate in team meetings and contribute to discussions about project strategies and goals

Qualifications:

- Currently enrolled in or recently graduated from a Bachelor's or Master's program in Data Science, Statistics, Computer Science, Public Health, or related field
- Experience with data cleaning, analysis, and visualization
- Proficiency in data visualization tools such as Metabase, PowerBI, and Tableau
- Strong statistical and analytical skills
- Familiarity with programming languages such as Python or R
- Excellent communication skills, both written and verbal
- Ability to work collaboratively in a team environment, as well as independently when needed
- Strong attention to detail and problem-solving skills
- Passion for public health, healthcare, or related areas is a plus

Learning Opportunities:

- Gain hands-on experience working with real-world healthcare datasets
- Learn best practices in data cleaning, analysis, and predictive modeling
- Develop proficiency in industry-standard data visualization tools
- Engage in a collaborative, impactful, and learning-oriented work environment
- Gain exposure to the full lifecycle of data science projects, from data collection to actionable insights

Compensation:

- This internship pays $17 per hour

Preference(s):

- Demonstrated working knowledge of Data Science or completed equivalent coursework
- Previous on-campus work and/or internship experience in data science & analytics, IT and/or cybersecurity

How to Apply:

To apply for this exciting opportunity, please submit your resume, a cover letter detailing your interest in the position, and a summary of your data science and analytics project-based experience (if available) to hr@wavewelcome.com. Applications will be accepted on a rolling basis until the position is filled. We thank all applicants for their interest; however, only those selected for an interview will be contacted.