Interns@swissre 2019 - Data Scientist Intern

ABOUT SWISS RE
Swiss Re is one of the world’s leading providers of reinsurance, insurance and other forms of insurance-based risk transfer, working to make the world more resilient. We apply fresh perspectives, knowledge and capital to anticipate and manage risk. (For more company information, go to www.swissre.com)

INTERN PROGRAM DETAILS
Every year, Swiss Re offers internships to a number of bright and highly motivated students, enabling them to benefit from the company's global perspective and to discover the world. A Swiss Re internship can be much more than a temporary job - it can be your first step to a rewarding career. The program is expected to last 10 - 12 weeks, offers competitive salaries, and is offered in various Swiss Re locations.

ABOUT YOU
We are looking for students who have a passion for tech and innovation. You have a desire to work with technical experts and business leaders to drive ideas forward. You are resilient, passionate, creative, and dependable. You are curious with a focus in execution, taking great pride in attention to details. You hold yourself and your colleagues to a high bar, and inspire us to aim higher.

ABOUT THE TEAM
You will join an entrepreneurial global team comprised of technologists and innovation specialists, with diverse technical and business backgrounds, who are passionate about solving the problems of tomorrow. As a part of this global team, you will have the opportunity to collaborate with colleagues in Canada, Latin America, Europe, and Asia.

ABOUT THE DATA SCIENTIST INTERN POSITION
As a Data Science Intern you will join a team of data scientists, analytics consultants, and business experts to work on a global strategic initiative to make better use of our data and enhance our ability to make data driven decisions. You will work closely with business stakeholders to identify opportunities for leveraging data to drive business solutions, understand the business problem and extract relevant trends and patterns from data.

You will help the team shape, develop, and execute complex analytic solutions that will transform the insurance industry. You will gain exposure to a project that is leveraging cutting edge technology that applies Big Data and Machine Learning to solve new and emerging problems for Swiss Re. You will also support the Analytics Consulting team in sharing periodic updates with stakeholders to highlight key projects and milestones.

Opportunities:
- Work with a business team to analyze data sets and design analytical solutions
- Build industry knowledge
- Communicate findings that help support solving business problems, insight generation and decision making
- Develop custom data models and algorithms to apply to datasets
- Build end to end big data pipelines from data ingestion to insight generation
- Check to ensure consistency, integrity and robustness of data pipelines
- Manage code base and git repository in the development platform

Position Requirements:
- Pursuing a Master's Degree in data science/analytics, computer science, computational linguistics or related field.
- Analytical & conceptual skills to understand key business needs and design tailored solutions to solve specific business problems.
- Proficient in Python and or R, SQL; Familiarity with PySpark a plus
- Experience with large data sets and distributed computing (Hive/Hadoop) a plus.
- Exposure to cognitive technology
- Exposure or experience in areas such as information retrieval, natural language processing, data analytics and information visualization.
- Basic understanding of statistical analysis
- Ability to adapt to a flexible work environment.
- Team leader/player with a "can do" attitude.
- Exceptional academic performance (minimum 3.25 GPA)