Job Title: Sabre Labs and Research - 2019 Summer Intern

Req ID: 46339
Job Family: Intern

Sabre is the global leader in innovative technology that leads the travel industry. We are always looking for bright and driven people who have a penchant for technology and want to hone their skills. If you are interested in challenging work, being part of a global team, and solving complex problems through technology, business intelligence and analytics, and Agile practices - then Sabre is right for you! It is our people who develop and deliver powerful solutions that meet the current and future needs for our airline, hotel, and travel agency customers.

Job Description
The travel industry is one of the top 10 transaction processors among banks and social networks. A typical traveler generates at least twice as much data as a savvy internet user. With travel industry being highly complex and data-driven, this role identifies and solves interesting puzzles which leads to innovative products or directly benefits the financials of the company.

Under minimal direction this role is responsible for innovation in the travel space. The successful candidate will be able to identify and prioritize potential ideas, communicate them effectively, gather input from industry experts, and look at the ideas from the point of view of different types of travel industry players (i.e. travel suppliers, travel agents, travel management companies, corporations and travelers alike). This role is also responsible for helping immediate team or internal customers in various business decisions for products and services by using the available data both internally and externally.

Key Responsibilities
The Sabre Labs and Research intern will be assigned a specific project (or series of projects) that will entail developing software and contributing to innovative products. The intern will collaborate with existing team members for guidance and project delivery.
Develop Cloud, Data Science, Advanced Analytics and Machine Learning based solutions to understand our business and solve problems using Sabre and/or external data
Partner with other Labs and Research team members, data scientists, research scientist, operations research scientists, data architects and product managers to deliver a short-term solution
Coordinate own work plan and prioritize workflow and projects

Job Requirements
Strong passion for software development and interest in systems programming or applying machine learning techniques to solve real-world problems
Interest in travel related software and applications
Strong interest in cleaning, manipulating, transforming and merging real-world data of large scale and complex structure
Experienced in implementing working software using R, Python, Java or other languages
Skilled in developing and working with software on the Cloud (such as Amazon Web Services, Openshift from RedHat etc.)
Strong understanding of Python modules related to Machine Learning and Deep Learning such as: scikit-learn, Theano, Tensorflow, Kaffe, and other key modules such as Pandas, numpy, scipy etc. (alternatively, equivalent packages in R)
Knowledge of RMDB and SQL
Familiar with big data technologies such as Hadoop, Hive or Spark
Experienced in data visualization tools such as Tableau, ggplot, D3 etc.
Teamwork-oriented with excellent communication skills to explain complicated analytical solutions to non-technical audience

Preferred Qualifications

https://performancemanager4.successfactors.com/xi/ui/rcmcommon/pages/jobReqPrintPreview.xhtml?drawButtons=true&jobID=46339&isExternal=true&jobReqPreviewSecKey=B8DBF9BF456FFE269… 1/2
Currently enrolled in an accredited college or university and actively pursuing a Bachelor’s, Master’s or PhD degree in Computer Science/Engineering/Statistics/Applied Math/Operational Research or related field with a graduation date after August 2019.

A strong passion to identify and solve real business problems using data from disparate sources

Ability to work independently and with minimal or no direction

Entrepreneurial mindset to identify and promote innovative travel products, and solve the internal puzzles and prototype the end product

Ability to rapid prototype and move seamlessly between business problems and solutions

Creativity in using available tools and out-of-the-box thinking to provide the best solution to problems

Persistence and willingness to learn and apply new techniques/tools constantly

**Reasonable Accommodation**

Sabre is committed to working with and providing reasonable accommodation to applicants with disabilities. Applicants applying for a Sabre position with a disability who require a reasonable accommodation for any part of the application or hiring process may contact Sabre’s Employee Relations Department at employee.relations@sabre.com

**Affirmative Action**

Sabre is an equal employment opportunity/affirmative action employer and is committed to providing equal employment opportunities to minorities, females, veterans, and disabled individuals. EEO IS THE LAW

**Stay connected with Sabre Careers**

[Facebook](#) [Twitter](#) [LinkedIn](#) [YouTube](#)