Role: Data Scientist - KDD Attendees

Job ID R31431

Updated date 07/31/2017

Locations

San Francisco, California

Seattle, Washington

201 Third Street (61049), United States of America, San Francisco, California

At Capital One, we’re building a leading information-based technology company. Still founder-led by Chairman and Chief Executive Officer Richard Fairbank, Capital One is on a mission to help our customers succeed by bringing ingenuity, simplicity, and humanity to banking. We measure our efforts by the success our customers enjoy and the advocacy they exhibit. We are succeeding because they are succeeding.

Guided by our shared values, we thrive in an environment where collaboration and openness are valued. We believe that innovation is powered by perspective and that teamwork and respect for each other lead to superior results. We elevate each other and obsess about doing the right thing. Our associates serve with humility and a deep respect for their responsibility in helping our customers achieve their goals and realize their dreams. Together, we are on a quest to change banking for good.

Data Scientist - KDD Attendees

At Capital One, data is at the center of everything we do. When we launched as a startup we disrupted the credit card industry by individually personalizing every credit card offer using statistical modeling and the relational database, cutting edge technology in 1988! Fast-forward a few years, and this little innovation and our passion for data has skyrocketed us to a Fortune 200 company and a leader in the world of data-driven decision-making.

As a Data Scientist at Capital One, you’ll be part of a team that’s leading the next wave of disruption at a whole new scale, using the latest in distributed computing technologies and operating across billions and billions of customer transactions to unlock the big opportunities that help everyday people save money, time and agony in their financial lives.

On any given day you’ll be:

-Using Big Data tools (Hadoop, Spark, H2O, AWS) to conduct the analysis of billions of customer transaction records

-Writing software to clean and investigate large, messy data sets of numerical and textual data

-Integrating with external data sources and APIs to discover interesting trends

-Building machine learning models from development through testing and validation to our 30+ million customers in production

-Designing rich data visualizations to communicate complex ideas to customers or company leaders

-Investigating the impact of new technologies on the future of digital banking and the financial world of tomorrow

The Ideal Candidate will be:

-Curious. You ask why, you explore, you're not afraid to blurt out your disruptive idea. You probably know Python, Scala, or R and you’re constantly exploring new open source tools.

-Wrangler. You know how to programmatically extract data from a database and an API, bring it through a transformation or two, and model it into human-readable form (ROC curve, map, d3 visualization, Tableau, etc.).

-Creative. Big, undefined problems and petabytes of data don't frighten you. You’re used to working with abstract data, and you love discovering new narratives in unmined territories.

Twenty-five years after Capital One was started it’s still led by its founder. Be ready to join a community of the smartest people you’ve ever met, who see the customer first, and want to use their data skills to make a difference.

Basic Qualifications:

-Bachelor’s Degree or military experience

-At least 1 year experience in open source programming languages for large scale data analysis

-At least 1 year experience with machine learning

-At least 1 year experience with relational databases

Preferred Qualifications:

- Master’s Degree or PhD

- Experience working with AWS

- At least 2 years’ experience in Python, Scala, or R

- At least 2 years’ experience with machine learning

- At least 2 years’ experience with SQL

Capital One will consider sponsoring a new qualified applicant for employment authorization for this position.

No agencies please. Capital One is an Equal Opportunity Employer committed to diversity and inclusion in the workplace. All qualified applicants will receive consideration for employment without regard to sex, race, color, age, national origin, religion, physical and mental disability, genetic information, marital status, sexual orientation, gender identity/assignment, citizenship, pregnancy or maternity, protected veteran status, or any other status prohibited by applicable national, federal, state or local law. Capital One promotes a drug-free workplace. Capital One will consider for employment qualified applicants with a criminal history in a manner consistent with the requirements of applicable laws regarding criminal background inquiries, including, to the extent applicable, Article 23-A of the New York Correction Law; San Francisco, California Police Code Article 49, Sections 4901-4920; New York City’s Fair Chance Act; Philadelphia’s Fair Criminal Records Screening Act; and other applicable federal, state, and local laws and regulations regarding criminal background inquiries.

If you have visited our website in search of information on employment opportunities or to apply for a position, and you require an accommodation, please contact Capital One Recruiting at 1-800-304-9102 or via email at RecruitingAccommodation@capitalone.com. All information you provide will be kept confidential and will be used only to the extent required to provide needed reasonable accommodations.

All information you provide will be kept confidential and will be used only to the extent required to provide needed reasonable accommodations.

For technical support or questions about Capital One's recruiting process, please send an email to Careers@capitalone.com

Capital One does not provide, endorse nor guarantee and is not liable for third-party products, services, educational tools or other information available through this site.

Capital One Financial is made up of several different entities. Please note that any position posted in Canada is for Capital One Canada, any position posted in the United Kingdom is for Capital One Europe and any position posted in the Philippines is for Capital One Philippines Service Corp. (COPSSC).