Data Scientist Machine Learning - Maps Evaluation

- Job Number: 114136398
- Santa Clara Valley, California, United States
- Posted: Jul. 30, 2018
- Weekly Hours: 40.00

Job Summary

Apple Maps is a data-driven organization confronted with the most challenging large-scale problems in the world. Our mission is to maintain a useful and accurate digital representation of the entire Globe. We ingest a staggering amount of data and wish to discover new ways to use that data to improve the customer experience of Apple Maps. On the Maps Data Metrics team, we are a varied collection of statisticians, mathematicians, geographers, engineers, and physicists. We are growing the team and seek a driven, curious, and passionate machine learning scientist to jump on board. This is a highly visible role in the company, that requires creating actionable insights from large quantities of data. You will apply your expertise in quantitative analysis and presentation of data to craft and present compelling stories that drive engineering focus to advance the Maps product. Your dedication to quality and customers is paramount. The successful scientist will partner with various teams, such as product engineering, human judgement/rating, analytics infrastructure, and tools teams, to propose, design, implement, and use processes, pipelines, and dashboards that improve data quality.

Key Qualifications

- takes a strong background in Data Science and Machine Learning to qualify for this job. As an applicant, we want you to be ready to discuss your experiences grappling with complex data, and the methods, experiments, and results you have built from data. You will explain not just how to build models to answer problems, but how proved models worked in silica and the real world.
- We encourage applications from a broad range of domain expertise. Strength in one or more of these areas is desired:
- Mapping/GIS
- Statistics/Mathematics
- Change Detection (especially in noisy spatially distributed signals)
- Machine Learning (especially applied to large imagery collections and overhead imagery from satellites/planes/other platforms)
- NLP for large text corpora
- racking Systems (GPS)
- Data engineering (pipelines, data wrangling/transformation)
- Preferably, you have experience programming in Python, R, Java, or Scala. Additionally, you have worked with big data tools (Spark/Hadoop, S3/HDFS). Lack of experience in these languages/environments is not a disqualification; applicants with desired domain expertise will also be considered.

Description

We are on the lookout for an accomplished Data Scientist to join the Evaluation Team at Apple. Someone who can craft insightful experiments to identify successful, and unsuccessful, features and then automate this system in a replicable and scalable way. You should have strong interpersonal skills and be able to communicate findings to engineering partners and executives across Apple. We're looking for a talented and passionate person to join this amazing team, if you feel this is you, we'd love to hear from you.

Education

A degree in Math, Statistics, Physics, Engineering, Geography, Computer Science, or related field is expected. Advanced degrees are preferred but not required.

Additional Requirements

Strong written and verbal communications skills. Ability and interest in being a contributing member of a diverse team. Ability to translate business problems into technical solutions. Ability to connect teams and resources across an organization to produce results. Creative and thorough problem-solver that can apply technical solutions to difficult problems