Research Data Scientist

Job Description

We are growing our Data Science team globally. We’re looking for a Research Data Scientist to join us in our San Francisco office. In this role, the individual will be encouraged to think out-of-the-box, innovate high-impact solutions to business problems, and develop the next generation of products and services. A strong candidate should be familiar with a wide range of machine learning models, and focus on problem solving rather than using a particular model and/or toolkit.

Reporting directly to the head of data science, you will be a member of the global Data Science & Machine Learning Team, tackling our toughest and most exciting data science challenges.

Key Responsibilities

• Use data science to drive product innovation, customer success, marketing optimization, and more across both our family history and consumer genomics businesses
• Help champion a data-driven culture and push long-term business value creation through development of best-in-class data science capabilities
• Develop solutions for the real world large scale problems, identify cutting-edge machine learning models, and leverage ML models to increase value across our businesses.
• Fast prototyping, feasibility studies, and implementation of product components on big data resources

Qualifications

• Ph.D. in Computer Science, Math, Physics, Engineering, Statistics or other technical fields.
• Expert level in machine learning and statistical modeling, including deep learning, computer vision and/or natural language processing.
• Proven track record of publications at top conferences or journal such as ICML, NIPS, ICLR, JMLR or similar
• Proficiency in SQL, Python and R.
• Experience with Hadoop stack (HIVE, Pig, Hadoop streaming), MapReduce, and SPARK
• Experience with deep leaning tools (e.g., TensorFlow).
• Excellent written and oral communication skills
• Highly skilled at translating business requirements from key stakeholders into shovel-ready work plans
• Excellent project management skills, with a proven track record of on-time and within-budget delivery

Additional information

Helping people discover their story is at the heart of ours. Ancestry is the largest provider of family history and personal DNA testing, harnessing a powerful combination of information, science and technology to help people discover their family history and stories that were never possible before. Ancestry’s suite of products includes: AncestryDNA, AncestryProGenealogists, Fold3, Newspapers.com, Find a Grave, Archives.com, and Rootsweb.

We offer excellent benefits and a competitive compensation package. For additional information, regarding our benefits and career information, please visit our website at http://ancestry.com/careers. (REF1109H)

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