

Sr. Machine Learning Scientist

 amazon.jobs/en/jobs/944625/sr-machine-learning-scientist

DESCRIPTION

Are you passionate about automation and artificial intelligence through the use of Machine Learning and Computer Vision? We have a team that is making revolutionary leaps forward in this space and are in need of a Sr. Machine Learning Scientist. On this team you will analyze and model customer reading, text, images, and audio. Meeting business requirements will involve combining several different machine learning algorithms with domain knowledge into sophisticated ML workflows that automate what can be automated and efficiently utilize experts when needed to mitigate risk.

As a Machine Learning Scientist at Amazon, you will connect with world leaders in your field working on similar problems. You will be working with large distributed systems of data and providing technical leadership to the product managers, teams, and organizations building machine learning solutions. You will be tackling Machine Learning challenges in Supervised and Unsupervised Learning; utilizing modern methods such as Deep Neural Networks and others. Senior MLS's are specialists with the deep expertise to drive the ML vision for our products in areas such as machine learning, speech recognition, natural language processing, computer vision, and knowledge acquisition. They are externally aware of the state-of-the-art in their respective field of expertise and are constantly focused on advancing the state-of-the-art for improving Amazon's products and services.

Come join us as we revolutionize the book industry and deliver an amazing experience to our Kindle authors and readers.

Kindle Direct Publishing has empowered a new wave of self-motivated creators, tearing down barriers that once blocked writers from reaching readers. Our team builds rich applications and systems that empower anyone to realize their dream of becoming a published author. We strive to provide an experience that is powerful, yet simple to use and accessible to all. We focus on building tools that enable authors to design high quality digital and print books, reaching readers all around the world. This role will help ensure we maintain the trust of both our Authors and Readers by ensuring all books published to Amazon meet our standards.

Great candidates for this position will be an expert in the areas of data science, machine learning and statistics. You will have hands-on experience leading multiple simultaneous product development initiatives as well as be able to balance technical leadership with strong business judgment to make the right decisions about technology, models and methodologies choices. You will strive for simplicity, and demonstrate significant creativity and high judgment backed by statistical proof.

Come join us as we continue to revolutionize the book industry!

Amazon is an Equal Opportunity-Affirmative Action Employer – Minority / Female / Disability / Veteran / Gender Identity / Sexual Orientation.

BASIC QUALIFICATIONS

- MS in Data Science, Machine Learning, Statistics, Computer Science, Applied Math or equivalent highly technical field.
- Strong interpersonal and communication skills. Must be able to explain technical concepts and analysis implications clearly to a wide audience, including senior executives, and be able to translate business objectives into action
- 10+ years of hands-on experience working in data science and/or machine learning using models and methods such as neural networks, random forests, SVMs or Bayesian classification.
- Proficient using R, Python, or other equivalent statistics and machine learning tools.
- Experience working in the learning field, recommendations and/or personalization.
- Proven ability to implement and operate at large scale.
- Have a history of building systems that capture and utilize large data sets in order to quantify your products performance via metrics or KPIs.
- Experienced in computer science fundamentals such as object-oriented design, data structures and algorithm design.

PREFERRED QUALIFICATIONS

- PhD in Data Science, Machine Learning, Statistics, Computer Science, Applied Math or equivalent highly technical field.
- Experience leading data science, artificial intelligence (AI), and/or machine learning teams.
- Knowledge of building products and/or services or AWS.
- Experience with information and application security.
- Experience with large distributed systems.
- A clear passion for learning emerging technology independently and continuously.