Data and Machine Learning Scientist

**Category:** Scientific  
**Job ID:** R-75731  
**Location:** Thousand Oaks, CA, US 91360  
**Additional Location:** Canada - Burnaby, US - California - South San Francisco

**Title:** Data and Machine Learning Scientist

**JOB SUMMARY**

Amgen is dedicated to discovering transformative medicines that address the leading causes of death and disability. We are seeking highly qualified data scientists to join our research team to apply data science expertise to develop models and algorithms in collaboration with multidisciplinary teams of computational and experimental scientists across potentially broad discovery areas of research. Key responsibilities include:

- Developing and implementing cutting edge machine learning and other data science solutions.
- Collaborating with other Amgen computational and experimental scientists to develop and optimize predictive models that can directly impact the discovery pipeline.

**Basic Qualifications**

- Doctorate degree  
- Master’s degree and 4 years of Data Science experience  
- Bachelor’s degree and 6 years of Data Science experience

**Preferred Qualifications**

- PhD in in Computational Sciences, Applied Math, Statistics or related quantitative field  
- Strong track record of research accomplishments including three or more scientific publications or conference presentations  
- Experience and enthusiasm in applying data science and machine learning to molecular sciences or drug discovery  
- Experience in advanced data science techniques and tools, machine learning, supervised/unsupervised learning, etc.  
- Experience with UNIX, Python, C++, TensorFlow, PyTorch, Keras  
- Strong communication skills and enthusiasm for working in an interdisciplinary team environment

Amgen endeavors to make its recruitment process accessible to any and all users. Reasonable accommodations will be provided, upon request, to applicants with disabilities in order to facilitate equal opportunity throughout the recruitment and selection process. Please contact TalentAcquisitionInquiries@amgen.com to make a request and ensure you include the requisition number.

Reasonable accommodations are available, upon request, to facilitate the equal participation of candidates with disabilities, should you be selected for an interview.

If you're seeking a career where you can truly make a difference in the lives of others, a career where you can work at the absolute forefront of biotechnology with the top minds in the field, you'll find it at Amgen.
Amgen, a biotechnology pioneer, discovers, develops and delivers innovative human therapeutics. Our medicines have helped millions of patients in the fight against cancer, kidney disease, rheumatoid arthritis and other serious illnesses.

As an organization dedicated to improving the quality of life for people around the world, Amgen fosters an inclusive environment of diverse, ethical, committed and highly accomplished people who respect each other but compete intensely to win. Together, we live the Amgen values as we continue advancing science to serve patients.

Apply at www.career.amgen.com : Keyword R-75731