



Software Engineer, Machine Learning

Seattle, WA

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Meta Platforms, Inc. (Meta), formerly known as Facebook, Inc., builds technologies that help people connect, find communities, and grow businesses. When Facebook launched in 2004, it changed the way people connect. Apps and services like Messenger, Instagram, WhatsApp, and Novi further empowered billions around the world. Now, Meta is moving beyond 2D screens towards immersive experiences like augmented and virtual reality to help build the next evolution in social technology.

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Software Engineer, Machine Learning Responsibilities

- Research, design, develop, and test operating systems-level software, compilers, and network distribution software for massive social data and prediction problems.
- Have industry experience working on a range of ranking, classification, recommendation, and optimization problems, e.g. payment fraud, click-through or conversion rate prediction, click-fraud detection, ads/feed/search ranking, text/sentiment classification, collaborative filtering/recommendation, or spam detection.
- Working on problems of moderate scope, develop highly scalable systems, algorithms and tools leveraging deep learning, data regression, and rules based models.
- Suggest, collect, analyze and synthesize requirements and bottleneck in technology, systems, and tools.
- Develop solutions that iterate orders of magnitude with a higher efficiency, efficiently leverage orders of magnitude and more data, and explore state-of-the-art deep learning



engineering team.

- Adapt standard machine learning methods to best exploit modern parallel environments (e.g. distributed clusters, multicore SMP, and GPU).

Minimum Qualifications

- Requires a Master's degree in Computer Science, Computer Software, Computer Engineering, Applied Sciences, Mathematics, Physics, or related field and two years of work experience in the job offered or in a computer-related occupation. Requires two years of experience in the following:
 - Machine Learning Framework(s): PyTorch, MXNet, or Tensorflow
 - Machine learning, recommendation systems, computer vision, natural language processing, data mining, or distributed systems
 - Translating insights into business recommendations
 - Hadoop, HBase, Pig, MapReduce, Sawzall, Bigtable, or Spark
 - Developing and debugging in C, C++ and Java
 - Scripting languages: Perl, Python, PHP, or shell scripts
 - C, C++, C#, or Java
 - Python, PHP, or Haskell
 - Relational databases and SQL
 - Software development tools: Code editors (VIM or Emacs), and revision control systems (Subversion, GIT, or Perforce)
 - Linux, UNIX, or other *nix-like OS as evidenced by file manipulation, advanced commands, and shell scripting
 - Build highly-scalable performant solutions
 - Data processing, programming languages, databases, networking, operating systems, computer graphics, or human-computer interaction



science in production systems

- Distributed systems

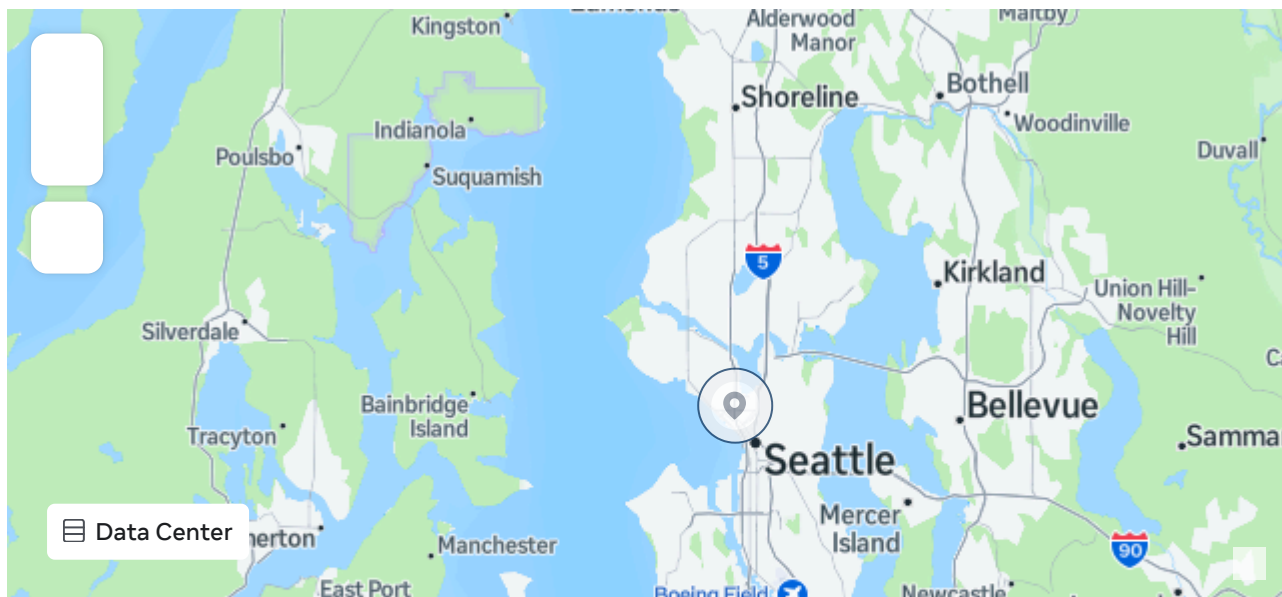


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Locations



About Meta

Meta builds technologies that help people connect, find communities, and grow businesses.

When Facebook launched in 2004, it changed the way people connect. Apps like Messenger,



to help build the next evolution in social technology. People who choose to build their careers by building with us at Meta help shape a future that will take us beyond what digital connection makes possible today—beyond the constraints of screens, the limits of distance, and even the rules of physics.

Meta is committed to providing reasonable support (called accommodations) in our recruiting processes for candidates with disabilities, long term conditions, mental health conditions or sincerely held religious beliefs, or who are neurodivergent or require pregnancy-related support. If you need support, please reach out to accommodations-ext@fb.com.

\$203,350/year to \$211,484/year + bonus + equity + benefits

Individual pay is determined by skills, qualifications, experience, and location. Compensation details listed in this posting reflect the base salary only, and do not include bonus, equity or sales incentives, if applicable. In addition to base salary, Meta offers benefits. Learn more about [benefits](#) at Meta.

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Software Engineer, Machine Learning
Seattle, WA

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