# Software Engineer, Machine Learning

at Niantic (View all jobs)

San Francisco, CA

Niantic's Engineering Team seeks a Software Engineer specialized in Machine Learning Engineering to build platforms that empower engineers and researchers to create innovative user experiences with the emerging Generative AI technologies. Our team powers capabilities across our games, geo-based, and AR platforms through productionizing large scale models. Your work will directly help grow the features in our games as well as the capabilities of our technology platforms.

Niantic Engineering leads the advancement of AR and other immersive technologies while creating engaging apps for a user base in the billions.

## Responsibilities

- Implement and maintain scalable infrastructure solutions to support the deployment of generative AI models.
- Develop automation tools and processes to streamline model evaluation and deployment workflows.
- Optimize infrastructure performance to ensure efficient resource utilization and minimize latency in model inference.
- Implement and maintain monitoring and alerting systems to ensure the reliability and availability of AI infrastructure components.
- Collaborate with cross-functional teams to understand requirements and design infrastructure solutions that meet business objectives.
- Stay up-to-date with the latest advancements in AI infrastructure technologies and best practices, and evaluate their applicability to the organization's needs.
- Participate in code reviews, design discussions, and architecture planning sessions to maintain high-quality standards in software development practices.
- Troubleshoot and resolve issues related to AI infrastructure, working closely with stakeholders to identify root causes and implement solutions.
- Collaborate with cross-functional team members and stakeholders, including regular and reliable attendance and participation in meetings.
- Required in-office 2 days on Tuesday and Wednesday.

## Qualifications

- You have at least a Bachelor's degree in Computer Science, Engineering, or a related field.
- 4+ years of experience in software development, and with data structures/algorithms.
- 2+ years of experience in designing, building, and optimizing distributed systems or cloud-based infrastructure.
- You have experience developing and maintaining machine learning platforms.
- Strong proficiency in programming languages such as Python, Java, or Go, with experience in

- Strong proficiency in programming languages such as Python, Java, or Go, with experience in developing production-quality code.
- Ability to work in a fast-paced hybrid environment and handle stress appropriately and/or ability to solve practical problems and be sufficiently adaptable to handle dynamic situations with little advance notice.
- Experience working on cross-functional teams with ability to communicate effectively through written and verbal communications, including synchronous interactions with others.

### Plus If...

- You have experience with machine learning/AI in a cloud native environment.
- You have experience in Generative AI infrastructure.
- You have experience with DevOps practices, continuous integration/continuous deployment (CI/CD) pipelines, and infrastructure as code (IaC) tools (e.g., Terraform, Ansible) is a plus.
- You have strong communication skills with the ability to convey complex technical concepts to both technical and non-technical stakeholders.

The total compensation package for this position includes a new hire offer base salary range of $174,000 - $194,000 + bonus + equity + benefits.

Individual pay within this salary range is determined by work location and additional factors, including assessed job-related skills, experience, and relevant education or training. Your recruiter can answer any questions about new hire total compensation during the hiring process. An overview of benefit offerings for your location can be found on the careers page.

### Join the Niantic team!

Niantic's global-scale augmented reality platform and digital map powers spatial computing experiences in the real world. Incubated out of the Maps team at Google, Niantic first created Ingress and then Pokémon GO, a cultural phenomenon and hit game played by tens of millions of people each month. Niantic's Lightship platform, which powers Pokémon GO, also supports the company's other games including Pikmin Bloom, Peridot and Monster Hunter Now. Developers use Niantic's platform to build their own AR applications and experiences, either with the Lightship Platform or directly through the web with 8th Wall.

We believe that cultivating a workplace where our people are supported and included is essential to creating great products our community will love. Our mission emphasizes seeking and hiring diverse voices, including those who are traditionally underrepresented in the technology industry, and we consider this to be one of the most important values we hold close.

Niantic is a hybrid first company. We believe that in person interaction and collaboration fosters creativity, a sense of community, and is critical to our future success as a company. Our hybrid work schedules allow for a mix of remote and in-office work.

We're a hard-working, fun, and exciting group who value intellectual curiosity and a passion for problem-solving! We have growing offices located in San Francisco, Sunnyvale, Palo Alto, Bellevue, Kansas, London, Tokyo, Hamburg, Hyderabad, and Zurich. #LI-HYBRID

**Apply for this Job**

First Name *    Jay

Last Name *    Jhaveri

Email *    jjhaveri@ucsd.edu

Phone    +18582149192

Resume/CV *    📄   Jay Jhaveri LLM ML Resume.pdf ✖
(File types: pdf, doc, docx, txt, rtf)

Cover Letter    Attach, Dropbox, Google Drive, or enter manually
(File types: pdf, doc, docx, txt, rtf)

LinkedIn Profile

https://www.linkedin.com/in/jayjhaveri1906/

Website

How did you hear about this job?

Do you now, or will you in the future, require sponsorship for employment to work legally in the country where the job will be based? *

Yes ▾

**Voluntary Self-Identification**

For government reporting purposes, we ask candidates to respond to the below self-identification survey. Completion of the form is entirely voluntary. Whatever your decision, it will not be considered in the hiring process or thereafter. Any information that you do provide will be recorded and maintained in a confidential file.

As set forth in Niantic's Equal Employment Opportunity policy, we do not discriminate on the basis of any protected group status under any applicable law.

Gender    Male ▾

Are you Hispanic/Latino?    No ▾

Please identify your race     | Asian ▼ |

Race & Ethnicity Definitions

If you believe you belong to any of the categories of protected veterans listed below, please indicate by making the appropriate selection. As a government contractor subject to the Vietnam Era Veterans Readjustment Assistance Act (VEVRAA), we request this information in order to measure the effectiveness of the outreach and positive recruitment efforts we undertake pursuant to VEVRAA. Classification of protected categories is as follows:

A "disabled veteran" is one of the following: a veteran of the U.S. military, ground, naval or air service who is entitled to compensation (or who but for the receipt of military retired pay would be entitled to compensation) under laws administered by the Secretary of Veterans Affairs; or a person who was discharged or released from active duty because of a service-connected disability.

A "recently separated veteran" means any veteran during the three-year period beginning on the date of such veteran's discharge or release from active duty in the U.S. military, ground, naval, or air service.

An "active duty wartime or campaign badge veteran" means a veteran who served on active duty in the U.S. military, ground, naval or air service during a war, or in a campaign or expedition for which a campaign badge has been authorized under the laws administered by the Department of Defense.

An "Armed forces service medal veteran" means a veteran who, while serving on active duty in the U.S. military, ground, naval or air service, participated in a United States military operation for which an Armed Forces service medal was awarded pursuant to Executive Order 12985.

Veteran Status     | I am not a protected veteran ▼ |

## Voluntary Self-Identification of Disability

Form CC-305                           OMB Control Number 1250-0005
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### Why are you being asked to complete this form?

We are a federal contractor or subcontractor. The law requires us to provide equal employment opportunity to qualified people with disabilities. We have a goal of having at least 7% of our workers as people with disabilities. The law says we must measure our progress towards this goal. To do this, we must ask applicants and employees if they have a disability or have ever had one. People can become disabled, so we need to ask this question at least every five years.

Completing this form is voluntary, and we hope that you will choose to do so. Your answer is confidential. No one who makes hiring decisions will see it. Your decision to complete the form and your answer will not harm you in any way. If you want to learn more about the law or this form, visit the U.S. Department of Labor's Office of Federal Contract Compliance Programs (OFCCP) website at www.dol.gov/ofccp.

### How do you know if you have a disability?

A disability is a condition that substantially limits one or more of your "major life activities." If you have or have ever had such a condition, you are a person with a disability. **Disabilities include, but are not limited to:**

- Alcohol or other substance use disorder (not currently using drugs illegally)
- Autoimmune disorder, for example, lupus, fibromyalgia, rheumatoid arthritis, HIV/AIDS

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- Blind or low vision
- Cancer (past or present)
- Cardiovascular or heart disease
- Celiac disease
- Cerebral palsy
- Deaf or serious difficulty hearing
- Diabetes
- Disfigurement, for example, disfigurement caused by burns, wounds, accidents, or congenital disorders
- Epilepsy or other seizure disorder
- Gastrointestinal disorders, for example, Crohn's Disease, irritable bowel syndrome
- Intellectual or developmental disability
- Mental health conditions, for example, depression, bipolar disorder, anxiety disorder, schizophrenia, PTSD
- Missing limbs or partially missing limbs
- Mobility impairment, benefiting from the use of a wheelchair, scooter, walker, leg brace(s) and/or other supports
- Nervous system condition, for example, migraine headaches, Parkinson's disease, multiple sclerosis (MS)
- Neurodivergence, for example, attention-deficit/hyperactivity disorder (ADHD), autism spectrum disorder, dyslexia, dyspraxia, other learning disabilities
- Partial or complete paralysis (any cause)
- Pulmonary or respiratory conditions, for example, tuberculosis, asthma, emphysema
- Short stature (dwarfism)
- Traumatic brain injury

Disability Status | No, I do not have a disability and have not had one in the ... ▼

PUBLIC BURDEN STATEMENT: According to the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. This survey should take about 5 minutes to complete.

**Submit Application**