



## Opening: Lead Software Engineer (Product Team)

### About DeepLearni.ng

Knowledge is power. DeepLearni.ng's mission is to provide enterprise teams access to the knowledge and tools they need to get started with machine learning and customize it for their business. Focused on real-world results, we work closely with enterprise teams to build and deploy machine learning systems to designed to generate long-term impact.

Our flagship partnership at Scotiabank stirred up [global interest](#) when we worked together to put the first deep learning system for retail banking into production.

### What are we deploying?

*A few examples of our work:*

- Reinforcement learning for the credit risk areas of retail banking [?](#)
- Image classification for insurance adjudication and claims processing [?](#)
- Self-optimizing environmental controls for vertical farming [?](#)
- Machine vision for robot warehouse navigation

### What is the opportunity?

DeepLearni.ng is looking for a Lead Software Engineer for our Product Engineering Team who is passionate about code craftsmanship, continuous improvement and agile development. Experience crafting applications using Python, specifically Flask, Spark, Scala (or Java) and behavioural/unit testing is a must. We are looking for you to bring a healthy mix of top-notch work ethics and karaoke mastery to our uniquely vibrant workspace.

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## What will you do?

- Contribute to the product's vision and goals, as well as technical strategy.
- Lead the team in building a best-in-class machine learning platform.
- Oversee an exceptional group of engineers with a strong team-oriented culture.
- Provide technical leadership to drive the design and deployment of extremely large distributed systems.
- Actively take part in evangelism activities: e.g. giving tech talks, running webinars, leading internal hack-a-thons and coordinating lunch & learns / DoJos.
- Mentor the professional development of each direct report through personal and performance management and coaching.

## What do you need to succeed?

### *Must have*

- Proven experience delivering scalable, distributed platforms.
- Demonstrable experience with agile or similar methodologies for continuous development of product and technology.
- 2+ years of progressive leadership experience directing high visibility initiatives.
- CS, Math or Engineering degree and/or 7+ years of total relevant experience.
- Penchant for great algorithm design / strong CS fundamentals.
- Familiarity with web development and related technologies, like HTML and Javascript.
- Strong passion for QA, usability and accessibility.
- Strong TDD or BDD fundamentals, including experience with Gherkin language syntax.
- Expertise in any of Docker, Puppet, Chef or Ansible, and Kubernetes or Mesos.
- Demonstrable use of build tools such as Jenkins, TeamCity or Gitlab CI.
- Experience developing backend services in Python, Scala, Java or Ruby.

### *Nice to have*

- Entrepreneurial with an inherent sense of urgency and accountability.
- An inspirational technical leader with a high emotional intelligence who sets high and exacting standards and demands the best work of their team.
- Experience with high-growth technology companies, and in organizations that know how to compete and win.
- Proven ability to build and maintain a high-quality, high intelligence engineering team.
- Experience delivering solutions at scale based on a variety of cloud and on-premises services (in the datacenter, AWS, Google, Azure, Digital Ocean, etc)
- Team-oriented, collaborative, and able to implement important decisions. Can synthesize coherent plans and priorities from the inputs of the team and business partners. Fosters atmosphere of innovation, collaboration, and open communication.
- Strategic and thinks at a high level, but also hands-on, execution-oriented, and capable of getting things done quickly.
- Flexible and adaptable in the face of a rapidly changing market environment.

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- Ability to translate a long-term vision into a near-term, executable plan. Able to prioritize and triage effectively, deciding which projects to deliver first.
- Data-driven and “quantitative” mentality. Grounded, detail-oriented, always backs up ideas with facts.
- Ensure community reach, having lead meetups, webinars, hacks, etc.
- An advanced degree in computer science or engineering discipline.
- Demonstrable machine learning experience and knowledge.
- Contributions to open-source or personal projects.

## What’s in it for you?

🔗

- Opportunity to work with leading machine learning experts on cutting-edge problems across industries 🔗
- Network and develop relationships with a variety of industry decision makers, subject matter experts, software developers, and machine learning specialists 🔗
- Participate in feats of strength and lively company events to help build your career tool kit while enjoying a work-life balance 🔗
- Work in a dynamic, collaborative, progressive, and high-performing team 🔗
- Enjoy a comfortable company work environment located in downtown Toronto that encourages self-expression, casual attire, and whistling while you work 🔗

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