Opening: QA Lead

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 else 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 seeking a Quality Assurance Lead to join a high performing team. The QA Lead will be a foundational member creating the practice of stringently testing machine learning tools for enterprise, including an end-to-end machine learning platform. You will work with diverse enterprise teams across industry verticals, helping drive quality assurance, user acceptance testing and go-to-market for tools and metrics. As QA Lead, your main focus will be to maintain a high bar and rigorous standards in overall quality and user experience of new machine learning tools custom-built for enterprise.

The QA Lead will also create new efficiencies for our Engineering team, driving programs designed to measure their efficacy and velocity, with KPIs reported to the CTO on a weekly basis, all while bringing mah-jong mastery to our uniquely vibrant workspace.

What will you do?

- *Quality Assurance*: maintain, update and create strong QA methodology and testing of all our product lines to deliver bug-free code to our clients.
- *User Experience Refinement*: empathy for the end user and ability to postively impact usability for a multitude of enterprise users.
- *Foundational Leader*: set the process for the quality assurance practice and facilitate across team for our lines of products.
- *Release Management*: produce deployment plans, run books and implementation plans; conduct release readiness reviews, milestone reviews, and go/no-go reviews.
- *Project Management*: quality assurance, user acceptance testing to go-to-market strategies to optimize product launch success
- *Training and Collateral*: work with product marketing, product management and account management / professional services organizations to build collateral for training the wider organization, and to scale solutions globally.
- *Enterprising:* Collaborate on identification of new opportunities for DeepLearni.ng to innovate on behalf of our customers in conjunction with Product Management, Business Development and Client input.
- *Outreach:* Active involvement in evangelism activities: e.g. giving tech talks, running webinars, leading internal hack-a-thons and coordinating lunch & learns / DoJos.
- *Team leadership:* manage and rigorously assess the performance of direct reports, in-source and outsource teams as required by the business.

What do you need to succeed?

Must have
- 5+ years in quality assurance and/or product testing, of which 2 years must be in testing low-level system concepts (such as network performance).
- A B.Sc. degree in in computer science, engineering or similar field.
- Demonstrable experience with Agile or similar methodologies designed for continuous product development.
- Excellent oral and written communication skills with the ability to influence others internally and externally.
- Experience testing multi-cloud, multi-tiered, massive scale distributed web architecture.
- Experience with Karma, Mocha, Gulp, Selenium and/or Cypress.
- Proficient with scripting languages such as python, perl, ruby, bash, nodejs.
- Excellent problem solving and troubleshooting skills.
- Strong passion for QA, usability and accessibility.
- Experience working on a B2B application for enterprise clients.
- Ability to dive extremely deep into code, network transports, REST APIs, websockets in a Linux environment.

- Entrepreneurial with an inherent sense of urgency and accountability and thrive in ambiguity.
- Ability to analyze quantitatively, problem-solve, and scope business requirements.

Nice to have
- Excellent speaking-listening-writing skills, attention to details, proactive self-starter.
- Experience with high-growth technology companies, and in organizations that know how to compete and win.
- 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.
- Flexible and adaptable in the face of a rapidly changing market environment.
- Ensure community reach, having lead meetups, webinars, hacks, etc.
- Ability to meet tight deadlines and prioritize workloads.
- Ability to develop new ideas and creative solutions.
- 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