Birch AI

Research Engineer
Seattle, WA
Full-time

Who we are:
We are a small, but mighty team with a mission to optimize tedious audio workflows in healthcare and improve the patient experience. At Birch.ai, we're applying cutting edge, proprietary NLP techniques to build transformative healthcare solutions, starting with healthcare-related call center automation.

Our founding team is made up of experts in the AI, healthcare and startup software industries and have led efforts at companies like, FAIR, SparkCognition, BCG and McKinsey. As a spin out of the Allen Institute for AI incubator, we truly value and understand the magnitude of applied AI to solve real-world problems. Our co-founder and CTO, Yinhan Liu is a pioneer in the NLP research space and has been the lead author of multiple publications, including the groundbreaking paper, RoBERTa.

In this role, you will:
- Leverage state-of-the-art algorithms in NLP
- Be at the forefront of deep learning research by staying on top of new literature and communicating advances in the field with our team
- Design and implement new techniques into production
- Develop techniques to optimize and improve model performance and inference
- Perform error analysis to improve models
- Build data pipelines to continuously improve model performance.

You may be a good fit if you have:
- Prior experience of at least 2 years applying ML/DL in a production environment
- BS in Computer Science, Machine Learning, or related fields. MS/PhD is strongly preferred.
- Prior experience with PyTorch
- Familiarity with Fairseq/Transformer frameworks
- Candidates with publications/open source projects in the space are strongly preferred
- The ability to pass a rigorous coding interview
- A demonstrated passion for AI - Expertise in at least one of the following facets of ML/AI - Text summarization, Speech recognition, and Natural language understanding.

Benefits and Perks:
- Competitive cash compensation and equity
- Visa Support, if needed
- Flexible working environment
- Health benefits
- Unlimited paid vacation
- 401k
- The opportunity to build something from the ground up, define a new product and lead a team

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How to Apply:

Please send an updated CV and any links to your publications or examples of your work (e.g. github, website or demo) to: jobs@birch.ai

Please title the subject of the email: Name - Research Engineer Applicant