Full-Time Position
Machine Learning Engineer

About Us

At Acoustic Bio, we aim to redefine single cell screening for functional genomics, immune cell profiling, synthetic biology, and more. As an early stage start up, our team of veteran experts has built a platform that combines microfluidics, acoustic physics, and computer vision to assay and sort single cells at a fraction of the time and cost of traditional methods. Now, we are looking to expand our computer vision capabilities for single-cell and multi-cell imaging. Specifically, we are looking for an experienced candidate to design, develop, and implement machine learning algorithms that can calculate classification statistics on brightfield images of cells. This role will involve significant autonomy and creative freedom as it requires the development and integration of a new computer vision pipeline

Requirements

- Bachelors, Masters, or PhD in Computer Science, Mathematics, Statistics, Physics, or another quantitative field
- Strong background in computer vision or image/video processing
- Strong background in neural networks and machine learning algorithms desired
- Proficiency in PyTorch (preferred) or Tensorflow
- In addition to python, proficiency in at least one of the following languages: C++, C#, Java, C
- Ability to independently manage a technical project and integrate project code into a greater platform
- Strong written and verbal communication skills

Additional Nice-to-Have Skills

- Experience with Amazon Mechanical Turk for crowdsourced data labeling
- Experience applying computer vision methods to biological data (or other noisy real-world data)
- Experience with Microsoft .Net framework
- Comfortable working in high pace environment, with rapid experimental design iterations and short timelines

Compensation: Commensurate with experience

Benefits: We offer stock options, health benefits, and paid time off

U.S. Work authorization: Current work authorization required

Please contact info@acoustic.bio for additional information