



Pearl is looking for a **Computer Vision Scientist** with at least 3 years of industry experience. You will be responsible for building and maintaining many of the core applications that power Pearl. You will be working to advance Pearl's machine learning capabilities in both 2-D and 3-D. You will be working with a team of like minded engineers to improve the performance of our machine learning pipeline and to prototype CV-driven solutions to new problems. This role requires familiarity with AWS and Python. The ideal candidate is rigorously scientific and a savvy engineer.

Responsibilities :

- Assess and implement methods from relevant literature utilizing open source Vision/Math tools such as OpenCV, PyTorch, Tensorflow, Caffe
- Collaborate with cross-functional teams (FullStack, Product) to build products and share learnings, and vice versa
- Build upon existing solutions to optimize for performance, reliability, and scalability
- Write and maintain clean and modular code to deploy in production environment
- Contribute to active research communities through conference/journal publications, meetups, and workshops

Minimum Qualifications:

- MS in Computer Vision, Computer Science, Electrical Engineering, Applied Mathematics or Physics, Machine Learning or a related technical field
- 2+ years experience in Computer Vision, Machine Learning, Image Analysis
- Strong program fluency in C++, Python and familiar with Linux environment
- Experience applying machine learning and deep learning to images / video data with 3rd party Vision/Math tools such as OpenCV, PyTorch, Tensorflow, Caffe
- Strong communication skills to effectively collaborate with cross-functional teams including both technical and non-technical team members

Preferred Qualifications :

- Experience working in medical imaging
- Experience with multimodal data
- Experience with CPU/GPU optimization
- Familiar with AWS ecosystem
- Publications in top-tier journals and conferences

Perks:

- Talented, energetic teammates
- Fun and fast-paced work environment
- Ongoing learning and development
- Stock options, 401k, medical/dental/vision benefits
- Unlimited vacation policy