Senior Machine Learning Engineer

About VideaHealth:
VideaHealth is a venture-backed **startup developing artificial intelligence** to **automatically detect diseases** in dental x-ray imaging. Spun out of MIT in 2018, our prior research has shown that dentists miss up to 50% of dental diseases. **VideaHealth** helps dentists detect these conditions and effectively communicate treatment recommendations to patients. Our product **increases revenue for dentists and has the potential to reduce health risks for over 210 million patients every year in the US alone.** We have a strong core team and advisors, are backed by **world-renowned VCs and angel-investors**, and our work has been **featured at MIT and the [Wall Street Journal](#)**. We have great momentum and are now looking for ambitious talent to join our team!

About the position:
As the Senior Machine Learning Engineer you will become a core member of the company. Execute on ambitious milestones, take ownership of your own projects and work closely together with the leadership of the company. You will be responsible to lead the design, development, and implementation of a deep learning and analytics pipeline for the detection and classification of dental conditions from x-ray images using a large scale dataset. This will include exciting collaborations with engineers, physicians, and regulatory bodies. You will collaborate with company advisors from MIT and Harvard whose expertise span machine learning, medical imaging, and getting products successfully through FDA. We are looking for an individual not shy to take proactive responsibilities and play a key role in building a great company from an early stage. We can provide a competitive compensation package.

Requirements
- Minimum of 3 years of hands on development of complex machine learning models using modern frameworks and tools (ideally python based)
- Minimum of 2 years of hands on experience with in-depth experience in computer vision using common open source frameworks and tools (Keras, TensorFlow, etc.)
- Strong communication and collaboration skills
- Proactive, ambitious, and fast learner

Preferred
- PhD in computer science, machine learning or related field
- Experience in computer vision in medical imaging
- Publications in the field of machine learning
- Leadership and/or start-up experience

If you're interested in joining a fast growing AI start-up within the healthcare imaging space, send your CV and a short intro to careers@videahealth.io.