



SENIOR ARTIFICIAL INTELLIGENCE MANAGER

You will oversee our ML team to develop highly scalable models and algorithms for predictive medicine using state-of-the-art neural network methodologies. We are working on several ambitious projects to develop pioneering AI technology for understanding complex diseases and enable the discovery and development of novel therapies. We are looking for an experienced machine learning engineer to lead the design and development of new models and pipelines and the infrastructure for scaling it up to the next level.

□ Essential job requirements

- Solid engineering and computer science fundamentals, ideally with a degree in Engineering, Computer Science, Mathematics, or Physics or any other relevant quantitative discipline. Knowledge of bioinformatics and/or computational biology would be a plus.
- At least 3/4 year experience with:
 - Python, C/C++, Cython and LINUX OS.
 - Frameworks like TensorFlow, PyTorch, Caffe2, Keras, etc.
 - Building, developing, and deploying production-ready ML workflows in a leading position
 - Designing, prototyping and implementing in Cloud (MLOps in AWS, Google, Azure, etc), UBUNTU, and Redhat.
- English: complete professional capabilities (spoken & written)

□ Duties and Accountabilities

- Design and development of neural networks for healthcare applications based on image analysis
- Design and development of unsupervised algorithms
- Working with unstructured data and unsupervised machine learning, outlier detection, survival analysis and adversarial learning
- Data analysis
- Integration of algorithms in Topazium's or client's platforms (e.g. PACS, Mobile Apps, etc.)
- Maintenance of Topazium's AI platform



□ Valued Skills

- Self-learner, curious, creative thinking
- Enjoy working in a fast-paced, highly collaborative environment
- Proactive
- Team player
- Science oriented
- Excellent communicator
- Ability to share knowledge and ideas between biomedical and engineering disciplines

□ Conditions & Compensation

- Employment contract
- Flexible schedule