

Deep Learning Research Scientist

Our mission at Whiterabbit.ai is to save lives and eliminate suffering through the early detection of cancer with artificial intelligence. We collaborate closely with one of the top medical schools in the country and have exclusive access to one of the world's largest cancer datasets with millions of images. We invent algorithms that make doctors more productive, more accurate, and more capable. We build products and services with a relentless focus on transforming the patient's healthcare experience.

As a Research Scientist at Whiterabbit.ai, you will:

- Play a key role in architecting the algorithms and models that will power our products
- Train on a dedicated high-performance compute cluster specialized for deep learning research
- Work with doctors and healthcare professionals to identify serious problems and leverage their domain expertise to build robust solutions
- Remain an active contributor to the research community by partnering with universities and publishing high impact papers

Responsibilities

- Develop highly scalable classifiers and detectors that solve real-world problems
- Learn and understand a large body of research in deep learning and machine learning
- Participate in cutting-edge research for medical applications of computer vision

Must Haves

- MS or PhD-level experience with deep learning and convolutional networks
- Contributions to research communities and efforts, such as publications at conferences like CVPR, NIPS, ICCV, ECCV, ICML, and ICLR
- Strong theoretical and empirical research background
- Fluency with a deep learning framework and Python

Nice to Haves

- Large scale machine learning experience working with terabytes of data
- Background in statistical modeling and optimization theory
- Implemented custom operations/modules in a deep learning framework
- Familiarity with GPU programming, SQL, and/or medical data formats
- Imagination, ambition, and curiosity

Location

- This position is based in Sunnyvale, CA.

Whiterabbit.ai is a well-capitalized stealth startup headquartered in Sunnyvale, California. We are an equal opportunity employer and value diversity at our company. We do not discriminate on the basis of race, religion, color, national origin, gender, sexual orientation, age, marital status, veteran status, or disability status.

Apply at whiterabbit.ai/careers

