About Human Longevity Inc.
Human Longevity Inc. (HLI) is the genomics-based, technology-driven company creating the most comprehensive database of whole genome, phenotype and clinical data. HLI is developing and applying large scale computing and machine learning to make novel discoveries to revolutionize the practice of medicine. A privately held company headquartered in San Diego, CA, HLI was founded in 2013 by pioneers in the fields of genomics and stem cell therapy. HLI will be licensing access to its database, and developing new diagnostics and therapeutics as part of their product offerings. For more information please visit, www.humanlongevity.com.

Purpose of Job
Human Longevity, Inc. is looking for an Imaging Research Scientist to assist with developing acquisition and reconstruction methods. In this position, this scientist will be part of a team working to create of first of kind imaging methods that would improve the detection of cancer and prediction and prevention of other diseases including cardiovascular disease and dementia.

Tasks and Responsibilities
The scientist will contribute by developing image reconstruction algorithms. The Imaging Research Scientist and will also be responsible for pulse sequence research and development.

Minimum Qualifications (Must have)
- 5+ Years of software development experience
- Ph.D. in computer science or equivalent
- Strong proficiency in pulse sequence development and image reconstruction (on Siemens or GE scanners) is required
- Strong proficiency with Python, C/C++
- Strong proficiency image processing and signal processing
- Experience with MR physics
- Coding experience from inception through implementation
- Solid understanding of good programming practices, architecture, design patterns and unit testing
- Excellent communication skills required
- Known for passion and perseverance to pursue long-term goals through short-term high performance
- Maintains a positive and respectful attitude while working collaboratively in a highly dynamic environment
- Resourceful and willing to experiment, pursue new ideas and take risks

Preferred Qualifications
- Domain experience in Biotech and Healthcare is desirable
- Experience with computer vision, machine learning, and deep learning is desirable
- Experience in a start-up environment
- Experience in a regulated environment
- Proficiency with object oriented programming

Working Conditions
- Open office environment
- Dog-friendly
- Work with multidisciplinary team including software developers and clinicians

Human Longevity, Inc. is an equal opportunity employer

DISCLAIMER: The information on this description has been designed to indicate the general nature and level of work. It is not designed to be interpreted as a comprehensive inventory of all duties and responsibilities of an employee to this job.