Job Posting: Senior Staff Scientist

Available from 4/28/2022

Apply:    www.ceretype.com/jobs

About the Company

Ceretype Neuromedicine is pioneering precision psychiatry. We envision a world where the health of the brain is cared for with the same effectiveness, speed, and compassion as any other part of the body. We are on the path to discovering new treatments, helping patients, and ultimately reducing the time to effective treatment of psychiatric and neurologic disease from months or years to days. To do so, we are doing what has never been done before - bringing together world-class neuroscientists, machine learning scientists and software engineers with industry leaders to translate proven and novel technologies from the research lab to the bedside. By complementing our innovations in academic medicine and neuroscience with the explosion of healthcare data science and AI techniques, we aim to dramatically improve the rate of successful outcomes from clinical trials of central nervous system treatments and create digital medical device systems to facilitate effective diagnosis and treatment for brain and mental health. Working at Ceretype means engaging with rewarding challenges at the junction of medicine, neuroscience, technology, data science, and drug discovery, and being part of a multidisciplinary team with diverse academic and industry experience, to create transformative technologies and treatments.

About the Role

Ceretype Neuromedicine is seeking top candidates to join at the Staff Scientist level. In this role, you will be responsible for:

- contributing to and implementing Ceretype’s scientific mission
- building and leading science teams
- driving neuroimaging projects on novel CNS drugs and classes

We encourage you to apply for this position if you have:

- 3+ years postdoctoral, or industry experience in image processing and statistical analysis and/or deep learning of imaging data.
- Intermediate to expert level understanding in one or more of: Python, C, MATLAB, Java, Javascript or similar
- Significant experience working on projects with test-driven development and good programming practices, references to public Git repos appreciated.
- Expert-level knowledge of image processing and analysis packages in Python (scikit-image, nilearn, etc) MATLAB, etc, or neuroimaging suites (AFNI, FSL, SPM)
- Training or experience in applied mathematics and/or numerical computing and optimization
- Strong publication record at the graduate/postgraduate level in peer reviewed journals (or patents).
- Experience using cloud or cluster/supercomputing systems for big data analysis
- Prior coursework in biological sciences or biomedical engineering
- Self-starter in engaging tough problems in medical data science and other mission-critical fields of science or industry
- Leadership experience
- Excellent organizational skills
- U.S. permanent residency

In addition, the following skills/experiences would also be considered and appreciated:
- Coursework or laboratory experience in neurobiology
- Academic or industry experience in multi-site clinical trial activity or design
- Industry experience with data projects in regulated environments
- Understanding of HIPAA, GDPR, and similar patient privacy and personal information guidelines
- Advanced computer science coursework, research, or training
- Background or experience in developing web applications

This job will involve the above, and other duties.

Benefits include
- Excellent industry-level compensation
- Full remote work option (or partial onsite in Boston)
- Healthcare
- Excellent computing infrastructure

Requirements
MD or PhD and Postdoctoral Training in Neuroscience and Neuroimaging

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties, or responsibilities required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.

Ceretype Neuroscience provides equal employment opportunity (EEO) to all persons regardless of age, color, national origin, citizenship status, physical or mental disability, race, religion, creed, gender, sex, sexual orientation, veteran status, or any other characteristic protected by federal, state or local law. In addition, Ceretype Neuroscience will provide reasonable accommodations for qualified individuals with disabilities.