Position opening: Research Staff Member

NeuroMentix is an early stage start up dedicated to a new, groundbreaking class of artificial intelligence technologies closely modeled after the brain. We are seeking a Research Staff Member who will participate in government funded research to refine, adapt, and demonstrate the technology. As our approach has important implications for understanding and modeling global brain function, we believe a career with NeuroMentix has the potential for a truly transformative, positive impact on science, technology, and our world.

Job Description

The selected Research Staff Member will participate in the development, demonstration, and application of a new class of biologically-inspired, network-based artificial intelligence and machine learning technologies. The responsibilities include requirements analysis; network and component design, implementation, and testing; experimental design and analysis; documentation of inventions and scientific results through patents, technical reports and scientific publications; presentations and demonstrations to customers and other researchers.

Required:
- A PhD in computational neuroscience, computer science, machine learning, cognitive systems, electrical engineering, physics, or a related field
- Two years of development experience with C/C++
- Two years of development experience in a UNIX/Linux environment
- Demonstrated ability to conduct independent research
- Working knowledge of functional neuroanatomy, neurophysiology, machine learning techniques, non-linear dynamical systems, and neural networks
- Preferred availability by August 2015

Desired:
- One year of experience with a computational neuroscience simulator (NEST is preferred)
- Demonstrated expertise with generative neural networks, such as deep learning systems
- Experience with robot control or software automaton design, development and testing
- Demonstrated experience with team software development and integration practices
- Expertise with key results and methodologies from experimental psychology

If you are a highly driven, adaptable, and impactful researcher, please send your resume and contact information to employment@neuromentix.com.

More information about NeuroMentix can be found at www.neuromentix.com.

*NeuroMentix is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, gender identity or expression, national origin, sexual orientation, veteran status, age, or disability. NeuroMentix participates in E-Verify.*