

Postdoctoral Fellow Biomedical Signal Analysis and Machine Learning

Position Summary:

The Department of Computer and Electrical Engineering and Computer Science, Florida Atlantic University (FAU) in Boca Raton, FL, is seeking a Postdoctoral Fellow in biomedical signal analysis and machine learning to develop adaptive and individualized monitoring of patients with neurological disease.

The position is funded by NSF. The candidate should be willing to collaborate with scientists and clinicians within and outside of FAU. The initial appointment will be one year with possible renewal depending on funding availability and the performance.

Primary duties and responsibilities:

- Develop and implement algorithms for individualized monitoring of patients with neurological disease.
- Perform data analysis and prepare scientific reports, presentations, and publications.
- Supervise graduate students.

Additional duties and responsibilities:

- Occasionally participate and assist in data collection from patients with neurological diseases.

Minimum Qualifications:

- Ph.D. from an accredited institution in Computer, Statistics or any data analytics focused Engineering fields (or equivalent) by the date of appointment;
- Strong data analytics experience with signal processing, machine learning, and deep learning of time-series data;
- Strong mathematical skills and significant programming experience in Python and MATLAB.

Salary: Competitive salary and benefits

FAU is committed to serving its postdoctoral community and provides a wide variety of resources possible for a successful career while increasing the visibility of postdoctoral contributions to FAU's research. For more information, please visit the website of the [FAU Office of Postdoctoral Affairs](#).

Postdoc candidates need to email their cover letter, CV, and contacts of three references to Dr. Behnaz Ghoraani, bghoraani@fau.edu