

Job Posting: Python coding for ECG data

We are looking for a research assistant to spend approx. 3-4 days to design, develop, test, and validate a pipeline in Python to process:

- approx. 150 TXT files of individual-level raw ECG data (2,000 Hz, approx. 2-3 hrs of data per file)
- using NeuroKit2 (a Python toolbox for neurophysiological signal processing: neurophysiology.github.io/NeuroKit/)
- with physiologically appropriate specifications to generate RR-interval data / HRV analysis
- and feed the RR-interval data into a processing pipeline using NeuroKit2

Proficiency in Python and prior experience with ECG data essential. Familiarity with NeuroKit2 preferred.

Hourly pay is \$30.

Thank you!