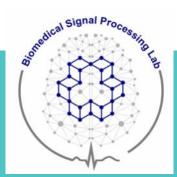# Yashar Abolfathi

RESEARCH INTERESTS

- Biomedical signal processing
  EEG, ECG, ERP, ... studies
- Neuroscience
  Diagnosis of neural disorders by ERPs
- Brain Computer interface (BCI)
- Sleep studies
- Pattern recognition

ABOUT ME

I'm one of the BSP lab members in K. N. Toosi University of Technology. I'm familiar with MATLAB and PYTHON programming languages. In recent years, my main studies concentrate on heartbeat evoked signals. Studying of interactions between neural systems is attractive to me and it is my pleasure to work with people who are expert in this field.

EDUCATION

- K. N. Toosi University of Technology
  M.Sc. In Biomedical Engineering (2019-present)
      Thesis: "Extraction of heartbeat evoked potential (HEP) changes during sleep stages in patients with apnea"
  Supervisor: Dr. Maryam Mohebbi

- Sahand University of Technology
  B.Sc. IN Biomedical Engineering (2016-2019)
      Senior Project: "Principles of manufacturing dental units and chairs"
  Supervisor: Dr. Sina Shamekhi

CONTACT

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