



About us:

Founded in 2015, Somatix is a behavioral modification B2B2C software platform. We analyze in real-time data received from standard wearable for detecting hand gestures. Then we fuse together additional data sources and search for insights, in order to apply immediate interventions for preventative and rehabilitative healthcare, and wellbeing enhancement.

We aim our efforts towards addictions-control, elderly-care and monitoring of some neurologic diseases. Our customers are corporate employers, health insurance companies and clinics. Somatix provides an enterprise dashboard which allows remote monitoring of the person's compliance and adherence with the cessation plan, in order for the clinician or the coach to obtain higher efficacy of the treatment versus traditional methods of prescription and random periodical assessment.

The Opportunity:

Somatix is looking for an experienced Signal Processing Algorithm Developer, to be a part of Somatix BMD ("Body Motion Data")- a platform that develops various web applications, dashboards and web services. This position will be responsible for:

- Sensor data fusion (e.g. localization, INS, fingerprinting)
- Statistical modeling and simulation of sensors and their noise terms
- Pre-processing of sensor data (noise reduction and resampling)
- Developing algorithms based on real-time sensor data

Requirements:

- MSc or equivalent in electrical engineering, software engineering or computer science
- Experience in developing data fusion algorithms
- Experience in simulating and pre-filtering some sensor data (e.g. barometer, accelerometer, magnetometer, etc..)
- 2 + years of experience developing algorithms for sensors or data fusion
- Preferably with experience in a startup environment
- A strong team player with a can-do attitude.
- Independent, innovative and creative

Advantages:

- experience developing a kalman-filter
- experience developing localization or navigation algorithms
- experience with object oriented programming