

Startup project

Our client has a startup project designed for the creation of a disruptive Machine Learning tool in the fields of Occupational Medicine and Personal Protective Equipment.

We are searching for a Senior Researcher specialist in embedded system, embedded artificial intelligence (AI) and Machine Learning (ML), to create model and detect anomalies, applying advanced ML methodology (including the development of new modeling frameworks for the analysis of diverse longitudinal data sets).

Applicant profile

We are seeking a highly motivated Senior Post-Doctoral researcher with a strong embedded ML background with capacity to lead a team of engineers' experts in embedded system design, edge ML computing and wireless sensor network optimization. The existing team consists of a specialist in sensors/ telemetry and the other in microprocessors/software design.

The applicant should be interested in working in an interdisciplinary environment at the interface of ML and micro-sensors. The Project Leader will be in charge of the conceptual development of AI and lead the technical part of the project.

The applicant will base their work on foundational machine learning techniques and will have the opportunity to employ them in impactful work safety applications. Machine learning topics of interest include, but are not limited to, time-series modelling, anomaly detection, clustering, classification, regime identification and change detection, and integrating multi-modal data.

Professional requirement

- A Post-Doctoral degree in Embedded Systems and Embedded ML Optimization
- Research experience in Edge Computing architectures design is a plus.
- The applicant is ready to be involved in a dynamic and stimulating new startup based in Geneva.
- This project implies interdisciplinary team management skills and commitment.

Job opportunity

- Joining an Innosuisse startup, part of the Healthvalley network.
- Office facilities in Geneva.
- Assistance in relocating to Geneva if necessary.
- Working in partnership with leading edge Swiss and European schools and institutions
- The position will evolve as the startup grows creating a stepping-stone for future professional development.
- The startup project has a real social utility. It will have an extensive impact on health, security and body integrity of workers.

Expected entry date

1stMarch 2020

Contact details

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