



Geopraevent – part of Hexagon. We design, develop, manufacture, install, and operate integrated hardware and software solutions for monitoring and alerting gravity-driven natural hazards.

We detect ice and snow avalanches, debris flows, flood waves, high water, and glacial lake outbursts to protect populated areas, critical transportation routes, and infrastructure.

We place a strong emphasis on customized, reliable solutions. Thanks to our interdisciplinary team, we are able to independently develop hardware and software systems and implement customer projects quickly and efficiently.

Software Architect for Distributed Radar Applications (f/m/d)

Zürich  80-100%

This appeals to you

- You are responsible for the architecture and implementation of a reliable software framework that ensures efficient development and seamless deployment of radar and other sensor algorithms.
- You maintain and develop software test infrastructure and contribute to sensor verification and calibration efforts.
- You create real-time software- and algorithm- building blocks that deal with classification, tracking, detection, and forecasting in the context of environmental radar remote sensing.
- In the context of machine learning, you develop and maintain automated pipelines for data ingestion, preprocessing, model training, and evaluation.

This is you

- You are interested in the topic of monitoring systems for natural hazards.
- Your capabilities are founded on several years of experience in the development of software framework architectures related to the acquisition and processing of (environmental) sensor data.
- Your mathematical and machine learning skill-set helps you to obtain robust estimates from large data sets, while minimizing erroneous results.
- You are familiar with a set of high- and low-level programming languages, Linux environments, and ready to learn new technologies whenever necessary.
- You appreciate working independently as well as collaborating with cross-functional teams, data scientists, engineers and stakeholders to negotiate requirements, interfaces, and abstractions and

translate them into technical solutions.

- You are creative, interested in clean architecture and state-of-the-art solutions, can convince those around you and have a structured way of implementing your ideas.
- Your language skills allow you to communicate in a German-speaking team, but English is not a hurdle for you either.

We offer you

- Flexible annual working hours based on a 40-hour week, with 100% employment
- Vacation entitlement: 25 days from the age of 20, 27 days from the age of 40 and 30 days from the age of 50
- Hybrid working model
- Bonus system and extra-mandatory pension fund contributions
- Individual training opportunities (internal and external)
- Relocation service
- Various discounts (Health, Car, Entertainment and much more)
- Employee events
- Flat hierarchy structure
- Warm and international corporate culture based on respect and cooperation

About Us

Hexagon is a leading provider of digital reality solutions and employs more than 24,000 people in 50 countries. You will be part of a strong, experienced, inspiring and motivated team of experts driving the future of Hexagon. You will use and develop your skills in our highly innovative and diverse environment. Flexible working models allow you to ideally combine work and private interests.

Contact

If you have any questions, please do not hesitate to contact [Brigitte Schnetzer](#), Talent Acquisition Specialist.

APPLY NOW

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Job-ID: tt7agrpc

