



accurision®

Join Accurision to drive innovation in the field of robust, high-precision, satellite-based positioning for autonomous driving. We are looking for a highly motivated software engineer with technical fundamentals in GNSS positioning systems, computer science, and embedded hardware and firmware who is passionate about building technology that serves our customers.

GNSS Platform Software Engineer (f/m)

At Accurision, you will design, implement, and refine the GNSS software platform upon which all our GNSS sensors rely. You will drive innovations in raw measurement quality, enhance the software architecture, and collaborate closely with other GNSS team members to optimize and extend the platform to bring state of the art measurement and positioning engine techniques to our platform. You will help develop the next generations of robust, high accuracy, and high availability positioning solutions.

Skills & experience

- Significant experience with GNSS operation, the formation of raw measurements, error sources, error mitigation, and algorithms to produce PVT solutions
- Strong software development background, primarily in real-time embedded C
- Fluent with Linux-based embedded real-time operating systems, design of software architectures, and version control (git)
- Development of GNSS measurement engine firmware, signal acquisition, tracking loop design and characterization, observable formation, estimation theory; interference mitigation is a plus
- Eager to learn new techniques and experiment with cutting-edge navigation technologies
- Thrive in a collaborative environment and communicate effectively
- Master's or bachelor's degree in Computer Science, Electrical or Electronics Engineering, GNSS, GIS, or related fields
- High proficiency in English; German is a plus

Bonus points

- 5+ years of industry or equivalent academic research experience
- Project tracking and software collaboration such as Jira; knowledge of C++ and python
- Knowledge of RF signal processing concepts such as gain control, IQ imbalance compensation, noise figure, etc. and/or DSP concepts like FIR filter or FFT

Our offer

- Exciting and challenging tasks in the field of GNSS for autonomous driving
- Opportunity to play a decisive role in the development of our GNSS sensor platform
- Working in a small and international team/young company, flexible working hours

We look forward to receiving your application by e-mail at: katja.blum@accurision.com

Legally compulsory note: The actual salary is above the Austrian IT collective agreement and is based on skills and experience.

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