

SDATAWAY is a leading provider of engineering development, specialized in electronic, software and IoT solutions.

Our team is made up of talented individuals who are passionate about their work and are committed to helping our customers achieve their goals.

We are seeking a highly skilled **Senior Embedded Software Engineer** to join our team, in Chatel St Denis. As a Senior Embedded Software Engineer, you will be responsible for the architecture definition, development, testing, and maintenance of embedded software systems as part of prototyping and industrialization projects.

Senior embedded software engineer – 100%

Role

- Join our development team as a senior embedded software engineer and work closely with hardware, software, and mechanical engineers
- Design and review complex system architectures: hardware, firmware and software
- Implement firmware on both bare metal and real-time operating system into C/C++ code
- Perform software verification and validation testing to ensure quality and reliability
- Lead development and be a technical reference within SDATAWAY for embedded software
- Lead discussions with customers about technical and non-technical items
- Stay up to date with emerging trends and technologies in embedded software development
- Provide technical leadership and guidance to junior engineers

Profile

- MSc or BSc degree in Electrical Engineering, Computer Science, or a related field
- Minimum of 10 years of proven experience in embedded software engineering
- Strong programming skills in C/C++ and familiar with Python
- Solid understanding of Cortex-M microcontroller architectures
- Hands-on experience with IoT systems
- Experience with Embedded Linux, device-trees, ARM processors
- Ability to read and understand electronic schematics
- Open-minded and able to adapt quickly to new technologies
- Familiarity with version control and collaboration tools such as Git and JIRA
- Excellent communication, analytical, and problem-solving skills
- Fluent in both written and spoken English and French
- Team-oriented, proactive, and committed to supporting colleagues

What we offer

- Work on diverse and innovative challenges across multiple industries
- Join a dynamic, and collaborative team where your ideas matter
- Modern office space, and a culture that values teamwork, growth, proactivity and mutual trust
- Regular team-building and social activities outside the workplace

Start date: to be agreed

Only applications from candidates holding a valid Swiss work permit will be considered.

Complete application file should be sent to: careers@sdataway.com