Step up.

ams

We are shaping the world with sensor solutions!

ams' success, being a world leader in the design and production of high-performance analog ICs and sensor solutions, is driven by our most important asset - our employees. To support our continuing growth, we are looking for people with ideas, people who want to make a difference and who are focused on being the best.

The ams System Engineering group designs 3D sensing solutions. We are looking for an experienced Embedded Software Engineer with expertise in firmware and platform driver development. You have hands-on experience with testing and validation (e.g. unit tests) and continuous integration workflows. As part of the development team, you will use your expertise to bring up new sensors and composite solutions and integrate them on a number of hardware platforms.

Senior Embedded Software Engineer (m/f)

Education and experience:

Required:

- Master's degree in computer science, electrical engineering (or equivalent)
- 10+ Years' experience in embedded/mobile platforms
- Very good C and C++ programming skills, with emphasis in embedded
- Experience in Linux kernel device driver development
- Experience with Android Native Layer Framework development
- QA driven and experience with Continuous Integration workflows
- Good understanding of mobile platforms
- Open-minded, fast learner and willingness to learn
- Fluent spoken and written English

Nice-to-have:

- Knowledge of Snapdragon SoC architecture
- Knowledge of Imaging Sensors
- Experience with Android application development including native APIs
- Understanding of standard communication interfaces (e.g. CSI, I2C, SPI)

Tasks and responsibilities:

- Lead the development of software for 3D solutions
    - Firmware for microcontrollers and custom ASICs / FPGAs
    - Platform drivers - including PC and mobile - and relevant host tools
    - Demonstration systems on PC and mobile
- Setup and maintain automated testing and validation: unit tests/static analysis/(sub)system tests, continuous integration workflows
- Specifying Requirements including measurable performance

Workplace: Rüschlikon, Switzerland.

ams offers a great work environment with exciting career paths and trainings, attractive salaries, a profit sharing program, social events and much more.

If you enjoy creativity and innovation, working in teams and an open and friendly corporate culture, please send us your CV and cover letter to career.martigny@ams.com with the following reference: ams-1904-KLWEB

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