

DEPARTMENT:

M3 – Hardware Development

POSITION:

Embedded Linux Developer (m/f)

What will be your main tasks?

- implementation of OS components on embedded Linux device (driver development and integration, custom device tree, partition layout, OS build)
- development on a wide range of hardware (x86, x64, ARM)
- analyzing and optimizing the use of embedded system resources
- defining and implementing test procedures to check the functionality and stability of the device
- regular documenting and working with version control systems
- working on the development of the whole device concept within multidisciplinary team
- supporting hardware engineers in the implementation of test procedures

You are the right person for us if you:

- have a University degree in electrical engineering, engineering (preferably robotics) or another relevant field
- have minimum 1-year experience in the development of *embedded* device
- work with Linux operating system (*shell*, configuration, OS build)
- have knowledge of C/C++, Linux toolchain (gcc, gdb), Bash and Python
- have knowledge of hardware communication interfaces (UART, I2C, SPI)
- have knowledge of version control systems (e.g. SVN, Git)
- have knowledge of English language
- have strong communication, organizational and problem-solving skills
- show proactive approach to work and are focused on continuous learning and professional development
- prefer teamwork, openly express your ideas and accept the ideas of others

An additional plus is if you:

- have knowledge of German language
- have experience in managing projects
- have experience working with clients



What do we offer?

- working on the development of modern devices (NB-IoT, BLE, UWB, ARM, Linux...)
- working on assignments according to agile methodology
- attending seminars, fairs, certification programs, language courses (English/German) and other education in agreement with MOBILISIS
- opportunity for continuous learning and growth within and across departments
- modern workspace with gym, relax rooms and ping-pong
- car and bike parking
- paid lunch, coffee, tea and other beverages
- relaxed work environment with flexible working hours and without dress-code
- team buildings, (birthday) parties and taking part in social responsibility activities

If you are interested in this position, send us your CV via application form on <https://www.mobilisis.com.hr/career>

