

Job description: SW team leader

A.D Knight is changing the safety world, by saving lives and preventing road accidents between pedestrians, micro-mobility, and vehicles based on a novel RF sensing technology and signals classification. A.D Knight's solution is a real-time multidisciplinary system of systems platform.

We are looking for a rock star to join the band that will be responsible for the end-to-end SW development of our platform and its applications. If you are a hands-on team leader with a passion to make a difference, come to lead the revolution with us!

What will you do?

- **SW development of early-stage products and internal development & validation tools, mostly in C/C++/Python in Embedded/Linux environment**
- **Engage constructively with the team to define requirements, develop software architecture, and plan development in dynamic, evolving problem spaces**
- **Analyze & solve difficult problems across the stack**

The must have

- BSc - in computer science
- +6 years of experience in Software Development, building distributed applications and systems
- An undeniable passion for building clean and elegant architected software
- A strong ability to dive into the unknown (code/theory) independently across the entire stack and to make critical system-level design decisions
- A high degree of self-motivation and ability to work independently
- Experience in different disciplines such as system architecture, web applications, performance analysis, distributed systems design, testing, and verification technologies, data processing, and networking
- Proficient in C/C++ and experience with Python/Java
- Experience in building Linux-based embedded and RTOS systems
- Experience in developing and implementing communication protocols (e.g. WiFi, Bluetooth, UART, CAN, SPI, I2C, MQTT)
- Background in the areas of cloud computing, servers, networking, and products
- Expertise in designing, analyzing, and troubleshooting distributed systems

The nice to have

- Experience in developing RTOS based IoT devices
- Hands-on experience with cloud platforms like AWS
- Experience in working with FPGA and SDR

Contact us at info@ad-knight.com