

## Advanced Wireless Prototyping Intern [IDA:00029]

### Your tasks

- The internship aims to provide hands-on experience in designing, developing, testing, and validating embedded firmware and hardware interfaces for wireless communication systems.
- The intern will contribute to real engineering tasks involving microcontrollers, wireless protocols, and system integration under the guidance of senior engineer.



### Your profile

Currently pursuing a Bachelor's or Master's degree in:

- Embedded Systems
- Electronics / Electrical Engineering
- Computer Engineering or related field

Understanding of:

- Python/C programming (mandatory)

Basic knowledge of:

- Digital communication fundamentals
- Familiarity with:
- Serial communication protocols (UART, SPI, I2C)

Preferred / Nice-to-Have Skills

- Experience with wireless technologies (5G/WiFi)
- Exposure to RTOS concepts
- Basic RF or antenna knowledge

Experience using:

- Git or other version control systems
- Scripting knowledge (Python) for testing or automation

### Our offer

Ready to take your career to the next level? The future of mobility isn't just anyone's job. Make it yours! **Join AUMOVIO. Own What's Next.**

### About us

Since its spin-off in September 2025 AUMOVIO continues the business of the former Continental group sector Automotive as an independent

Job ID  
**REF9328P**

Location  
**Singapore**

Legal Entity  
**AUMOVIO Singapore Pte. Ltd.**

company. The technology and electronics company offers a wide-ranging portfolio that makes mobility safe, exciting, connected, and autonomous. This includes sensor solutions, displays, braking and comfort systems as well as comprehensive expertise in software, architecture platforms, and assistance systems for software-defined vehicles. In the fiscal year 2024 the business areas, which now belong to AUMOVIO, generated sales of 19.6 billion Euro. The company is headquartered in Frankfurt, Germany and has about 87.000 employees in more than 100 locations worldwide.