



Test Infrastructure Developer - Intern

Ready to join the future of innovation in our team at NXP?

Automotive software V&V (Validation & Verification) team is responsible for development of infrastructure to test wide range of low-level embedded software for the latest portfolio of NXP microprocessor and microcontroller products.

As an intern, you'll contribute to the development of infrastructure for remote execution and automation of automotive software tests. You'll have the opportunity to collaborate with experienced engineers, learn industry best practices, and work on real-world projects that impact global automotive solutions.

Your responsibilities:

- Assist in the design and development of control software for globally deployed test equipment
- Help build frameworks for stress, fault-injection, performance, and conformance testing of hardware-dependent software components
- Contribute to the development of scalable infrastructure for building and running automotive test applications
- Support the continuous improvement of existing test systems to meet new product requirements
- Collaborate with systems teams and customer engineers to understand industry trends and technical needs

Your profile:

- Basic knowledge of Python and object-oriented programming
- Interest in network protocols (UDP, TCP/IP, SSH, HTTPS); experience with socket programming is a plus
- Familiarity with Windows and Linux operating systems
- Exposure to virtualization (Proxmox) and containerization (Docker) is an advantage
- Willingness to learn about automotive communication protocols, microcontroller architectures, and real-time operating systems
- Basic English communication skills (A1/A2)

Hiring Manager: Petr Pomkla.

For more information visit our [career website](#) and follow us on social: [LinkedIn](#), [Facebook](#) and [Twitter](#). If you're excited about this opportunity, we kindly invite you [to apply!](#)

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