Overview:
NXP Semiconductors N.V. (NASDAQ: NXPI) enables a smarter, safer and more sustainable world through innovation. As the world leader in secure connectivity solutions for embedded applications, NXP is pushing boundaries in the automotive, industrial & IoT, mobile, and communication infrastructure markets. Built on more than 60 years of combined experience and expertise, the company has approximately 31,000 employees in more than 30 countries and posted revenue of $13.21 billion in 2022.

Candidate Responsibilities:
- Execution and planning of vulnerability analysis of high secure elements and embedded IoT devices
- Support of vulnerability analysis of Common Criteria certified products (technical report review, follow-up investigation etc. with focus on Software, FW & crypto libraries)
- Review of academic research and investigate new potential attack paths on high secure elements and IoT devices

Candidate Profile:
- Master degree with experience in the field of Embedded Security and proven expertise in HW and SW vulnerability analysis
- Ideally with a background in embedded security technologies, complex communication stacks, HW and SW Attacks, measurement techniques and cryptography
- Knowledge of RISC V / ARM based security products; C, Java, Python and ideally assembler language
- Knowledge of binary software reverse engineering with binutils, Ghidra, IDA Pro etc.
- The ability to work independently without supervision is essential
- Good communication skills including the ability to present new ideas and results of security assessments
- Ability to interact smoothly with a diverse range of colleagues, customers and partners inside and outside of NXP

We are looking forward to receiving your application via the NXP careers page!