We are looking for Security System Software Engineering Intern!

NVIDIA is a leading artificial intelligence computing company and are paving the way with innovations in gaming, visualization, supercomputing and self-driving cars. NVIDIA gives customers, developers, tier-1 suppliers, research institutions, and start-ups the power and flexibility to develop and deploy breakthrough artificial intelligence systems for self-driving vehicles and embedded devices. We are looking to grow our company, and grow with the smartest people in the world. We are looking for a top notch software engineer for an exciting and fun role on our System Software Security team. You will work with the most advanced current and future generations of Tegra products and SOCs. You will join a team whose mission is to develop robust, safe and secure systems used in Automotive, Data Center and Embedded products. This is a great chance to create an impact on the industry working alongside some of the top valued diverse set of minds in security software, with the goal to invent future product security technologies doing what you enjoy. If this sounds like a fun challenge, we want to hear from you!

What you will be doing:
- Design/implement security and system software solutions for Tegra Automotive, Embedded and Data Center platforms.
- Develop bare metal software and applications for various security use cases and Trusted Firmware projects such as OP-TEE and TF-A
- Develop Android platform security feature.
- Take an active role in the new silicon lifecycle, from pre-silicon simulation/emulation, test validation to power-on bring up phases.
- Specify and implement test cases while actively seeking improvements to test automation and software quality.
- Work closely with the architecture and different software and hardware design teams to improve the next generation of NVIDIA System-on-Chips.

What we need to see:
- Final year student B.S. or M.S. (or equivalent experience) in Computer Science, Computer Engineering, Electrical Engineering, or related field
- Strong system software engineering skills combined with a drive to solve hard problems.
- Strong programming and debugging skills in C and C++.
- Understanding of operating system internals and embedded systems.
- Good English written and oral communication skills to collaborate with other engineers (worldwide).
- A great teammate; self-motivated and the ability to work independently with minimal direction.

Ways to stand out from the crowd:
- Proficient in advanced and next generation CPU architectures for ARM or RISC_V.
- Experience in working with the Linux and open-source software communities.
- Good understanding of common cryptographic algorithms and techniques.
- Proven interests and attitude to strive for the most secure, reliable and quality firmware/software.

NVIDIA is widely considered to be one of the technology world's most desirable employers. We have some of the most brilliant and talented people on the planet working for us. If you're creative and autonomous, we want to hear from you!

How to Apply: Click THIS and apply in Workday!