Embedded Software and Security Development Intern (IDA:2025-00003)

Vaše náplň práce

> Working on security and software update projects for the automotive domain.
> Working to realise and implement proof of concepts for secure software updates in target controllers/processors.
> Working with Continental Engineers in the field of embedded security and embedded software development.
> Opportunity to learn and understand different automotive operating system architectures. (Classic Autosar to be specific)
> Hybrid working (Work From Office and Home based on company policy)

Váš profil

> Good understanding of different computer architectures (x86 / arm64)
> Understanding of Microcontrollers and Microprocessors
> Coding in C & C++. Python would be an add on.
> Basic understanding of Linux
> Experience with version control systems such as Git
> Familiarity with Raspberry pi, STM microcontrollers and other embedded devices is an add on.
> Communication in English : Both written and verbal
> Preferably Year 3 and Year 4 students

Co nabízíme

Ready to drive with Continental? Take the first step and fill in the online application.

O nás

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In 2021, Continental generated sales of €33.8 billion and currently employs more than 190,000 people in 58 countries and markets. On October 8, 2021, the company celebrated its 150th anniversary.

The Automotive group sector comprises technologies for passive safety, brake, chassis, motion and motion control systems. Innovative solutions for assisted and automated driving, display and operating technologies, as well as audio and camera solutions for the vehicle interior, are also part of the portfolio, as is intelligent information and communication technology for the mobility services of fleet operators and commercial

ID pracovní pozice
REF77632R

Obor
Inženýrství

Lokalita
Singapore

Právnická osoba
Continental Automotive Singapore Pte. Ltd.

vehicle manufacturers. Comprehensive activities relating to connectivity technologies, vehicle electronics and high-performance computers round off the range of products and services.