Software Development Department – Linux Team

The Linux operating system is ubiquitous in our society today. It is widely used in consumer, industrial and automotive devices. Renesas Electronics has a strong history in using and contributing towards the Linux open source project and is ranked in the top 10 of companies providing improvements to the Linux Kernel.

The Linux team works on a range of Linux related activities within the Software Development Department. Some examples are as follows:

- Linux Upstreaming to support new Renesas SoC platforms
- Linux Community Project Development and Support (e.g. CIP Project and COVESA)
- Linux and Android BSP development and support for Renesas SoC platforms
- AI Open Source BSP Framework support (e.g. TensorFlow, PyTorch, ONNX Runtime, Arm NN, OpenCV etc..)
- AI Demo development for the latest Open Source AI models (e.g. object detection, image classification, facial recognition, Pose estimation etc..) on Renesas platforms.

We are looking for candidates who have a keen interest in Open Source software and/or AI/Machine Learning. Candidates can have a background in electronics or software engineering and have an interest in the latest leading edge technologies. We have a very relaxed working environment in the Linux Team and the team members are only too willing to assist new student interns with any problems. Successful candidates will work on a range of projects over the period of their employment, so that they gain working knowledge in varied number of technical areas.