Renesas Electronics Europe (REE) is a dynamic, multi-cultural tech company where employees can learn, mentor and thrive. REE UK brings together the strong financial foundation of a multi-billion dollar global operation and the flexibility and velocity of a smaller organization. We are developing technologies for the latest advances in mobile computing, secured connected devices, autonomous driving, smart homes and factories and more. Our solutions are at the heart of products developed by the major innovators around the world. Join us and be part of what’s next in electronics. For more information about Renesas, please visit [Jobs @ Renesas](https://jobs.renesas.com).

**Intern**

Our **Tools Department** is looking for a talented **Software** student to join our team this Summer as a **Design Engineer** in our **Bourne End** office. Our team works on software tools, and we specialize in embedded tools development. The successful candidate will work directly with **worldwide members of the tools team** during their internship. An intern working with the team can expect to learn **software engineering skills, agile develop methodologies and build knowledge of building and debugging embedded software** **tools** during their time with our team.

The team works on the latest Renesas Integrated Development Environments (IDE) which allows customers to create, build and debug their application software on Renesas devices.

Projects in scope are:

e2 studio ([link](https://www.renesas.com/us/en/software-tool/e-studio)) – Eclipse based IDE built using Java and C++

Renesas Microsoft Visual Studio Code extensions ([link](https://marketplace.visualstudio.com/search?term=Renesas&target=VSCode&category=All%20categories&sortBy=Relevance)) – extensions for VS Code built using Typescript

Quick Connect Studio ([link](https://www.renesas.com/us/en/software-tool/quick-connect-studio)) – latest cloud-based tool based on Eclipse Theia and built using Typescript

These are our cutting-edge tools that are downloaded and used by thousands of users every year. Joining the team will give you the chance to develop features and functionality used by our customers and make a real difference.

**Primary Responsibilities:**

* Developing new features in our tools from requirements through to deployment and support. You will have the chance to experience end-to-end software development.
* Working on debugger integration and features with existing IDE products. You will get hands on with our latest hardware, build knowledge and integrate it with our tools.
* Picking up software development skills in Java, C++, or Typescript. Learning from experienced team members you will develop software components for our new products.
* You will be developing software to run on Windows, Linux and MacOS. Enabling you to learn about cross-platform development.
* Being part of a global team that is using agile software development methodologies (Scrum) will help you understand how large software teams collaborate and work together.
* Getting involved in some open-source projects that we are involved in. Eclipse IDE, C/C++ Development Toolkit, Eclipse Theia, etc will enable you to understand these communities and how they work.

**Qualifications:**

* Qualification in Computer Science, Electronics Engineering, Software engineering degree or equivalent,
* Candidates with strong software engineering background. Object-orientated design understanding is important.

**Tips on designing your job description:**

1. **Keep it short.**

Reduce big blocks of text or endless lists of jargon – even more important for mobile device. Write simple sentences. Just like this. Use bullets. Tip from Indeed: Aim to keep job descriptions between 700-2000 characters (roughly 150-350 words).

1. **Use the standard paragraph about our company.**

Candidates will learn about you elsewhere, so keep our company overview to a few sentences and the standard provided. Our career site, LinkedIn Company and Career Pages are packed with additional info around who we are and what we do.

1. **Include and repeat keywords.**

Maximize exposure to your job through Search Engine Optimization (SEO) by repeating keywords at least 3 times throughout the description. Include keywords that are the most critical to the role and remove obvious or less relevant.

1. **Keep it conversational.**

The person on the other end of your description is just that – a person. So write as if you were speaking to the person.

1. **Pack it with personality.**

Help candidates get a good sense of what it’s like to work for our company and the type of talent we seek. Remember, your goal is for the right talent to apply and the wrong talent to pass.

1. **Share a day in the life.**

Paint a vivid picture of the nitty-gritty and you’ll help candidates self-select, saving time for all. Get input from the hiring manager, but also from those who have held the position.

1. **Talk problems and projects.**

Great candidates want to make an impact, and they don’t shy away from challenges. The more specific you can be, the better. Don’t sugarcoat the not-so-fun parts of the job.