2018 Everyday Genius Summer Internship: Advanced Cellular Communication Systems Modeling

Would you like an opportunity to work with advanced cellular communication systems?

We have an excellent opportunity for a talented student who is interested to learn more about the design, modeling and verification of advanced cellular communication systems.

As MediaTek’s successful intern, you will work as part of a small (but outstanding) R&D team that is responsible for driving innovation in advanced cellular communication systems, starting from the definition of new communication systems standards up to the design and verification of modem chipsets implementing this new cellular protocols.

This is a fantastic opportunity to gain exposure to new cellular communication standards such as 4G-LTE and 5G, allowing you to understand how these new communication standards are derived and how these translate in the design and implementation of the devices used by consumers to exchange information over these wireless links. Using a combination of theoretical analysis and software simulations, you will be involved in the modeling of their performance at the system level as well as at the user device level. This is also a great opportunity to develop your programming/scripting proficiency and apply these skills to the development of complex simulation environments.
You’ll be...

- A great problem solver/ creative thinker
- Someone who enjoys picking up new skills quickly, through informal learning
- Self-motivated and able to work both in a team and autonomously

In addition, one or more of the below would be brilliant (but not essential)

- Programming experience (ideally in C, C++ or Python)
- Good mathematical skills
- Familiarity with any wireless communication system

What we’ll offer you in return

- Convenient location (Cambourne), very close to Cambridge and served by very frequent bus services from Cambridge
- Excellent and varied experience working on real projects in a leading, global, high-tech company
- Opportunity to work with skilled engineers, as well as with other interns
- Good salary

Duration

You’ll have 12 weeks to learn new skills, develop your existing ones and show us what you’re made of! Your ‘Everyday Genius Internship’ will start on Monday 25th June, ending on Friday 14th September 2018.

How to Apply

To apply for this exciting internship please email careers.europe@mediatek.com with the subject line ‘Everyday Genius Internship – Communication Systems Modeling’ including a CV, your contact details and a few sentences describing why you are interested in this opportunity and why you feel you are suited to the role.

About MediaTek

MediaTek is a leading global fabless semiconductor company for wireless communications and digital multimedia solutions. One of the largest chip-design companies in the world, MediaTek is a market leader for SoC chipsets and software for mobile phone handsets. For more information, please visit our website www.mediatek.com.