

CAN I COMBINE SCIENCE AND BUSINESS IN A SINGLE JOB?

YES.

We'll show you how at Fraunhofer IIS.

For the group »**Positioning in Wireless Networks**« in **Nuremberg**, the Fraunhofer Institute for Integrated Circuits IIS is currently seeking a

Student Assistant

for Simulation of Mobile Communications Systems for 5G/6G and beyond

The »**Positioning in Wireless Networks**« team is a leading partner for cutting-edge technologies for 5G and upcoming 6G positioning systems. Being part of the »**Precise Positioning and Analytics**« department, our portfolio includes standardization activities, the conceptualization of simulation, testbeds, and measurement platforms. Analytical and theoretical analysis comprise the basis of our work and are verified in our worldwide unique **test center L.I.N.K.**

You are interested in 5G and upcoming 6G systems?

Then join our team to work with us on new technologies!

Your tasks

- You work on simulations of different mobile communications systems
- You implement different modules and sub-modules necessary in a digital communications system
- You collaborate with inter-disciplinary team members working on reinforcement-learning-based solutions for the mobile radio network

Your profile

- You are currently enrolled in communications engineering, computer science or a similar study program
- You are very interested in working on **new technologies**
- You have recent background in **signal processing** and **wireless communications**
- You have some knowledge on **mobile communications systems**
- You have programming skills in Matlab (additional C/C++ and/or Python knowledge is welcome)

What you can expect from us

- An **open and cooperative** working environment
- Collaboration in **interesting and innovative projects**
- Many opportunities to gain **practical experience and attend seminars**
- Flexibility concerning your working hours

Before exams, you can reduce your hours and during semester breaks, you can increase them. You can arrange your working days flexibly.

Interested?

Please apply for this position using our online [application system](#).

Applications are possible **in German and English**. Please include a cover letter, your CV and your latest transcripts of records (as PDF) and quote ID number **64218-LV**. Address your application to Nina Wörlein.

Please let us know how you learned about this job opportunity.

Additional information is available on our website: www.iis.fraunhofer.de/en