

Projektarbeit / Studienarbeit / SHK

Bluetooth development for Android and Linux devices

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Language: German or English

We are looking for experienced Java / Python programmers to integrate Bluetooth communication between an Android app and a Linux system. After implementing a prototype you will conduct latency measurements and find the optimal configuration / channel to use for the given requirements. Once the communication is ready, your task will be to merge and manipulate different signals for further processing. At the end of the project you can setup a demonstrator that will encompass your achievements and impress our staff 😊.

Goals of your work:

- Establish a reliable, low latency Bluetooth communication between multiple devices
- Process signals from various sources

Your benefits:

- Working in a young, international team
- Learn a lot about Android / Linux / Bluetooth programming

Your skills:

- Good skills in Java / Python
- Bluetooth knowledge (optional)