Interdisciplinary Project, Master's Thesis, Bachelor's Thesis, Ingenieurspraxis, Forschungspraxis, Assistant (Student)

Hardware Development for Security

Do you have hardware experience? We are looking for you!

- You are looking for a thesis, research internship or student assistant position?
- You know how to draw an orderly schematic?
- You know a thing or two about electronic component selection?
- You know op-amps not just from textbooks?
- You have laid out your own PCBs before?
- You are no stranger to soldering?
- You know not just SMD, but lots of other three-letter acronyms, too: ESL, FR-4, C0G, NP0, UJT, QFN, DFN, BGA ... ?
- You prefer to talk to microcontrollers (at the register level)?
- You can tell components apart from the smell of their magic smoke?

If you can at least tick a few boxes here and want to help us improve our lab and measurement for various hardware attacks, please contact us! We will find a hardware-oriented security-adjacent topic together.

Advisors

Tim Music