



## Job Advertisement

**PHYSEC GmbH** is a provider of highly innovative **IT Security** solutions for applications in the Internet of Things (IoT). PHYSEC is a strong growing spin-off of the Horst Görtz Institute for IT Security (HGI). Our company and our solutions have won multiple awards, e.g., by MIT. We are a dynamic company with flat hierarchies. We are looking for **creative and motivated talents** for full-time positions at our location in Bochum. In order to get to know you better, we would like to start with a **six month internship** for the position of a

### Development engineer for high frequency technology

Your **tasks** contain:

- Specification, design and evaluation of antennas and RF modules for mobile wireless devices (1-60 GHz)
- Development of current circuits and support of layout creation
- Commissioning and testing of printed circuits as well as error analysis and troubleshooting
- High frequency simulation
- Integration of the hardware in the overall device

What you **should bring** in:

- Must: M.Sc./Ph.D. degree in electrical engineering
- Must: Knowledge in wireless communications and RF
- Must: Experience working with antenna design tools
- Advantage: Experience in spacial and multi-array signal processing
- Advantage: Experience in algorithm development for modem design in wireless communications links

What we can **offer you**:

- Flexible and dynamic workspace with responsibility
- Deep insights into customer projects and our company
- Great team spirit and much fun at work
- Appropriate internship compensation

Please send us your meaningful application, including your **earliest start date**, as a PDF file to [jobs@physec.de](mailto:jobs@physec.de). You can find further information about us at our website [www.physec.de](http://www.physec.de). If you have any further questions, please do not hesitate to contact Dr. Heiko Koepke via telephone (+49 234 544 28224) or email ([heiko.koepke@physec.de](mailto:heiko.koepke@physec.de)).