Fraunhofer Heinrich-Hertz-Institut

Fraunhofer HHI The Fraunhofer Heinrich Hertz Institute (HHI) is one of the world's leading research institutes for mobile and stationary communication networks and for the key technologies of the future. We have consistently focused our areas of expertise on current and future market and development requirements.

Student Assistant in Industrial Optical Network Automation

City: Berlin; Starting date (earliest): At the earliest possible; Duration: The position is initially limited to 1 year. An extension is explicitly desired.; Remuneration: According to TVöD; Reference number: 80028; Closing date: 31/07/25

Working field

• Assist in developing code-based networking solutions to improve access network performance in industrial use-cases
• Support with data analysis, data collection, problem formulation, and solution development for optical communication systems
• Support with network performance measurements (e.g. latency)
• Prepare documentation, reports, presentations, and demonstrations

Requirements

• Enrolled Bachelor/Master student in the field of electrical engineering, telecommunications engineering or related fields
• Strong understanding of networking fundamentals (TCP/IP, ISO/OSI)
• Strong understanding of networking performance indicators (latency, jitter, delay)
• Good programming skills in Python
• Good understanding of Python libraries for data analysis (Pandas, NumPy, Matplotlib)
• Fluent in English (verbal and written)

What we offer

• Fascinating challenges in a scientific and entrepreneurial setting
• Attractive salary
• Modern and excellently equipped workspace in central location
• Great and cooperative working atmosphere in an international team
• Flexible working hours
• Opportunities to work from home

The position is initially limited to 1 year. An extension is explicitly desired.

Application

Closing date: 31/07/25
Reference number: 80028

By internet: https://jobs.fraunhofer.de/job-invite/80028/

More information at https://stellenticket.de/196116/TUB/
Offer visible until 31/07/25