



CODA Audio is a leading developer and manufacturer of high-quality loudspeaker systems with locations in Hanover (DE), Richmond (USA), Sofia (BG) & Worcestershire (UK). As well as the loudspeakers themselves, our product range comprises the entire chain of signal transportation, processing, amplification & cabling for all sizes of system. All of our hardware is built from component level in-house. We are internationally represented by our products and a number of patents. Whether in a concert hall or on a larger open-air stage, sound systems developed by CODA Audio set the standard with regard to performance and playback rendering.

At our headquarters in Hanover, we are expanding our product lines and upgrading our current platforms in our Development Department. In connection with this, we are currently seeking a:

## Student Assistant

### Possible areas of responsibility:

- Processing of theoretical fundamentals of sound propagation, direct sound, overlapping of spherical waves in the bass range (10 Hz – 250 Hz)
- Simulation of direct sound overlapping of various emitting sound sources in the frequency range of 125 Hz - 16 kHz for random frequencies, near and far-field transition behavior of various speaker layouts
- Collaboration in the creation of simulation software for graphic representation of acoustic levels in two levels (top view, side view and the result for 3D simulations)

### Your profile:

- You are a student (m/f) in a discipline such as Electrical Engineering / Communications Engineering / Computer Science / Mathematics / Physics or possess comparable skills
- Additionally, you possess initial experience in the fields of message transmission, communication networks or measurement technology
- You have initial experience / basic knowledge in programming with an emphasis on Java
- You are interested in the areas of loudspeakers / audio / music
- You can communicate effectively in the English Language

### Our offer:

- We offer you interesting and diversified work
- You can use your competency in the building of a Development Department
- Intensive training and support are essential elements for us
- We work in a young and dynamic team
- You will find a pleasant working atmosphere with us

Would you like to participate in an innovative team and are you interested in learning about an attractive industry? If so, we would love for you to send application documentation by email, attn.

Mrs. Schaefer at: [career@codaaudio.com](mailto:career@codaaudio.com) .

