

Internship - Electro-Acoustics and Signal Processing (f/m/div)



Standort: Villach

Job ID: HRC1455142

Startdatum: 01.03.2026

Beschäftigungsart: Vollzeit / Teilzeit

Befristung: Befristet

Part of your life. Part of tomorrow.

Job Description

Key responsibilities in your new role

- **Expert Collaboration:** Work with experts at a global semiconductor company and leading MEMS microphone supplier to develop and characterize next-generation audio technologies
- **Electro-Acoustic Support:** Support the team with a strong focus on electro-acoustic lab work and early-stage concept development
- **Product Insights:** Gain insights into the development of MEMS audio products for smartphones, wearables, IoT and automotive applications
- **Performance Analysis:** Measure and analyze performance parameters as well as audio quality of existing and next-generation microphones
- **Novel Concepts:** Work on novel sensing concepts, experiment design, fixture preparation, data processing and visualization (e.g., Python, MATLAB) and listening tests
- **Innovation Contribution:** Help shape the next generation of microphone solutions

Further Information

Type of employment: Temporary / Part-time (flexible working hours from Monday to Friday between 6 a.m. and 7 p.m.)

Duration: min. 12 months

Your Profile

Qualifications and skills to help you succeed

- **Education:** Motivated and committed master student (f/m/div) from

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Kontakt

Ina Miklau
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the field of Electronics or Electrical Engineering with focus on Audio Engineering or similar

- Knowledge: Background in acoustics and signal processing
- Lab Skills: Hands-on experience in laboratory environments
- Curiosity: Curiosity for state-of-the-art developments of microphone solutions in the semiconductor industry
- Language Skills: Good English skills

This position is subject to the collective agreement for workers and employees in the electrical and electronics industry (full-time), employment group B for bachelor students, employment group D for master students (<https://www.feei.at/wp-content/uploads/2024/04/minimum-salaries-white-collar-workers-2025.pdf>).

Please attach the following documents (German or English) to your application:

- Motivation letter
- CV
- Certificate of matriculation at a university
- Latest Transcript of records (not older than 6 months)
- Highest completed educational certificate (Matura certificate for Bachelor students, Bachelor certificate for Master students)
- Reference letter (optional)

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