We are looking for a student for DSPG MEMS lab.

**Job description**

Experimental work at MEMS acoustic lab

- Characterization of electric and acoustic properties of transducers and MEMS devices
- Analysis of test results and model building for explanation of lab test results
- Define and implement required electric circuitry for experiments and tests
- Design 3D parts for experiments and implement by usage of 3D printer

Requirements:

- Student of Electrical Engineering with strong background in Physics (e.g. Semiconductors / MEMS / Analog design / ...)
- Completed four semesters
- Completed advanced lab courses or has experience in working at lab and performing experiments/research, including the ability to operate and modify an experimental system
- Hands-on skills for building supports systems for experiments
- 2-3 days a week, flexible

Advantage:

- Knowledge/Experience in acoustics/fluid mechanics
- Knowledge/Experience with MEMS devices
- Knowledge of digital signal processing
- Student of dual track Electrical Engineering + Physics

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