**Skyworks Inc. Winter/Spring R&D Co-op**

**Job description:**
We are seeking a winter/spring Co-op to work with device development group of Skyworks Solutions. Our group is the R&D group focusing on developing the new acoustic technology, including but not limited to device modeling and characterization, new fabrication process evaluation, problem resolution in product development, manufacture yield improvement, etc. The student intern will be working closely with team members, and may work with engineers across multiple functional teams as needed.

**Job Responsibility:**
- Develop and validate the latest modeling methodology
- Execute various measurement for acoustic devices
- Performance data gathering and statistical analysis
- Run circuit and electromagnetic simulation

**Key Qualifications:**
- Currently enrolled in PHD or MS program for Electrical Engineering, Mechanical Engineering, Semiconductor Engineering, Material Science, Physics, other relevant engineering physical science.
- Ability to work from January 2022 to June 2022.
- Basic knowledge in circuit simulation ADS.
- Basic understanding of RF design.
- Basic skill in data processing and analysis (by Python, Matlab, etc).
- It will a plus if you have experience in any of the following areas: acoustic device physics, thermal analysis, ADS ETH, EM simulation, web application development (the front end).
- Self-motivated and a good team player.