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**Position: System Internship**

Responsibilities:

- Contribute to NeoSpectra spectral sensors system characterization, calibration and validation, building necessary testing setups and algorithms.
- Contribute to development, modeling and simulation of NeoSpectra spectral systems.
- Concept Validation of new spectrometer system architecture.
- Interface with different components (MEMS, Optics, Software, Electronics, Mechanics, etc.).

Qualifications:

- Hands on experience in performing lab experiments, testing, characterization and failure analysis, is a plus.
- Experience with lab equipment and ability to build bench characterization setups for measuring the performance of MEMS as well as optical components is a plus.
- Previous experience in spectroscopy is a plus.
- Familiarity with MATLAB is preferable.
- Experience with DSP algorithms is a plus.
- Good understanding of optical design, integrated optics, volume optics and MEMS basics.
- Self-starter with demonstrated quantitative analysis and problem-solving skills.
- Able to proactively communicate with different teams and work under pressure.

Potential candidates are welcome to forward their resumes to [human.resources@si-ware.com](mailto:human.resources@si-ware.com).