

R&D – Intern (m/f/d) for Optical Sensor Technologies

We're hiring at our headquarters in
Böblingen!



Your Next Career Step

Are you looking to work in an exciting environment with high tech sensing solutions? Would you like to join a young and dynamic team and gain experiences in a research and development department? We are seeking a motivated student (m/f/d) experienced in optics to join our team as an intern for optical sensor technologies located at our headquarters in Böblingen.

Your Responsibilities

- Preparation & set up of an optical measurement system starting from the characterization of the light source up to the assembly of the complete optical signal path
- Development of a signal detection scheme, signal demodulation and processing algorithms
- Planning and execution of environmental tests in close collaboration with our hardware development team
- Evaluation of the measured data sets acquired with your data processing algorithms

Your Profile

- You have a Bachelor's degree (or equivalent) in physics, electrical engineering or similar with a strong background in optics
- Good understanding of the keywords: laser linewidth, coherence length, polarization, phase, magneto-optic effect, birefringence and interferometry
- Experience in planning and realization of an optical setup
- Experience in data processing and evaluation
- You are self motivated, organized, committed and service oriented. You are a team player with very good communication skills and are proficient in the English language

Internship Duration

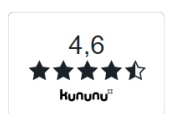
- 3 months with the option of follow-up projects

Our Company

AP Sensing is a fast growing, global provider of fiber optic-based sensor technology. Our solutions can be found in offshore wind parks, Singapore's metro systems, the Eurotunnel and in many other important infrastructures around the world. We combine a 35-year Hewlett-Packard (HP) heritage with the spirit and enthusiasm of a start up. Become an empowered employee and join our team of passionate, innovative people.

Our Offer

- Challenging, versatile and influential work based on state-of-the-art technology
- A climate of openness, trust and respect, following the "HP Way"
- Motivating, friendly environment in an international team
- Flexible working hours
- Personal development and career paths



**Are you ready to play a BIG role in a small team
instead of a SMALL role in a big team?**

Then you are spot-on with us...

hr@apsensing.com

Contact Person: Ralf Albrecht

AP Sensing GmbH

Herrenberger Str. 130

71034 Böblingen

Tel +49 7031 309 6610

www.apsensing.com