



Monday, 21 November 2016

INTERNSHIP OPPORTUNITY HIGH TECH ENGINEERING - LABVIEW CODING

DATE: 21/11/2016 – JF – WWW.SENSORCOATINGS.COM

About us

Sensing Your Hot Spot? ---- The high tech start-up company Sensor Coating Systems (SCS) operates in a niche, but high value global market. Our young and dynamic company pioneers sensor technology based on luminescence materials for hot environments.

While currently in development, the company always seeks to provide outstanding engineering candidates a chance to work in a commercial environment and in a multi-disciplinary and multi-cultural team of highly talented young scientists and engineers educated to PhD level.

Number of employees

6 plus 5 directors

Tasks

This internship is focused on coding using LabView from National Instruments. The company requires an engineering/science student who has some (relevant) experience in LabView programming to transfer an existing LabView code onto a new LabView platform. The student will be supervised by an experienced LabView programmer educated to engineering PhD level in automation and robotics.

Skills needed

- Some LabView programming skills
- Degree in engineering or natural sciences
- For undergraduates: outstanding marks and relevant engineering or technical skills eg coding, robotics, instrumentation etc.
- A good understanding of engineering processes

- Excellent communication and English writing skills
- Quick learner of complex technical processes

Skills to be acquired

- Experience in working in a high-tech company
- Understanding engineering processes and interfaces between different engineering areas
- Working in a diverse cultural background
- Interfacing between technical staff and director
- Technical Report writing, documentation and presentation skills
- Intellectual property processes

Technical skills:

- Coding in Labview
- Modelling
- Experimental skills

Period

Available from December 2016 to April 2017, internship , 2-4 months.

Office languages

Official office language is English (also used German and Spanish)

Location

London, Dagenham East
Next airport: London City

Financial support

- Subject to grant availability.

Contact

Dr Jörg Feist

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Please provide a covering letter explaining why you will be the person to take this internship and how your skills align with the requirements.

Review of former interns at SCS**Edgar S.-J., engineering student, 3rd year, Cambridge University, UK, (2014):**

‘Working at SCS for eight weeks has been a hugely educational experience for me. It was my first experience in a working environment at the cutting edge of technology. The hands-on nature of the work and the feeling that you are creating something that is solving real-world problems is extremely fulfilling, and not something that can be provided at university.

The work I was involved in developed my knowledge in many areas, such as programming, electronics, optics, and thermodynamics. The learning was tied up in one overarching project, rather than separate exercises that you get in the academic world. SCS is an extremely friendly environment to work in, and through meetings and presentations, you learn about what everyone else on the team is working on.

I think any student interested in science, engineering or technology would benefit from an internship at SCS; the experience of how scientific problems are tackled in the enterprise world is invaluable.’

Tobias L., economics student, 4th year, Frankfurt a.M., Ger, (2015):

‘In May and June 2015 I undertook an internship at this young, dynamic start-up in the heart of London, located in the incubator of the Imperial College London. During this time I was part of a highly motivated, friendly, international team. The company develops a highly innovative and powerful temperature detection technology which can be used in the aerospace, power generation and automotive areas.

Especially in meetings, interns gain an interesting insight into the daily work and methods of a wide range of disciplines. The main task during this internship was to contact potential customers with the aim to find new applications and evaluating the market potential of the technology. To have an idea about the technology, one can use it and do some measurements in the lab.

I had a great time in London and can highly recommend doing an internship in London at this company!’

Fiona S., engineering student, 4th year, Darmstadt TU, Ger, (2016):

‘This summer I did a six month internship at SCS in London for my study of mechanical engineering. I enjoyed working in a friendly and supportive team and got an interesting insight and deep understanding of the company’s own special technology of temperature sensing coatings. During my work I was able to improve my skills in laboratory work and learned new examination methods and on top improved my English.

Besides working at SCS I also recommend to stay in London because of many interesting sights and events to visit and it is a great experience to live in a city with an intercultural living together like London.’

Ethan S. , engineering student 2nd year, Cambridge University, UK, (2016):

‘...My time here at SCS has been elucidating, engaging and enjoyable. The team have been welcoming and very willing to assist me with any challenges, and the wide variety of work I have undertaken in my time here has given me the opportunity to improve my practical, theoretical and organisational skills.’