

**BOSCH**

Technologie voor het leven

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to something big.

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Internship Mechanical Engineering - possibilities 3D printing Bosch Security Systems - Eindhoven

The organisation

The Bosch division Security Systems is a leading global supplier of security, safety, and communications products and systems. We are part of the Robert Bosch organization. The internship takes place within the video systems business unit, which creates customized products, systems and services. The company is well-known for its investments in research and development and its strong focus on quality. Bosch Security Systems has ambitious plans for further growth.

Your contribution to something big

This internship takes place in our mechanical department for security cameras, which is responsible for:

- Translating commercial, functional and design specification into technical concepts;
- Developing and engineering mechanical designs;
- Safeguarding functionality, performance, quality, reliability and manufacturability of products.

At this moment external companies make prototypes for the components of our security cameras. In the future we would like to make (some of) the prototypes by ourselves. Therefore we are buying a 3D printer. In the beginning of your internship you are responsible for starting up the 3D printing machine in a FDM technology. After that you have to figure out:

- How we should use / operate with the machine;
- For what kind of purposes we can use this machine. (conceptual, functional, testing etc.);
- Which design limitations the parts that we produce have (tolerances, strength of parts);
- What kind of printing materials suit our needs.

What distinguishes you

You are currently studying mechanical engineering or Industrial Design engineering or equivalent and are looking for an internship starting in January/ February 2018. Additionally, you recognize yourself in the following qualities:

- You possess very good analytical, organizational and accuracy strengths;
- You speak and write English fluently;
- You are a team player but are also able to work independently;
- You show initiative and take the lead.

Your future internship location offers you

Your internship will be filled with learning experiences. At Bosch Security Systems we offer a challenging working and learning environment. We are active in a dynamic market with the opportunity to work with professionals in a large diversity of disciplines. Our corporate culture is open, collegial and helpful.

Make it happen.

Lisette Salomons from Student Factor is responsible for the recruitment of this internship. You can apply by this link: <https://www.studentfactor.nl/internship-mechanical-engineering-possibilities-3d-printing>.

For questions you can call or WhatsApp Lisette Salomons at 06 - 269 85 188.