

**BOSCH**

Technologie voor het leven

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Graduation Internship Mechanical Engineering - Integration of the coffee valve applicator (CVA) within the SVE platform

Robert Bosch Packaging Technology - Weert

The organisation

Robert Bosch Packaging Technology B.V. is part of the Bosch Packaging Group with its headquarters located in Beringen, Switzerland. The location in Weert, The Netherlands, is a renowned manufacturer of Vertical, Form, Fill and Seal (VFFS) packaging machinery for the confectionery, bakery, powder and snacks industry.

Your contribution to something big

In order to package products/food Bosch uses a VFFS machine. For the coffee industry Bosch uses a separate, additional machine (CVA) to apply coffee valves on coffee bags. Coffee has the nature that it emits gasses after it has been packaged. The coffee valves allow the release of gasses from the packaged coffee.

The objective for your thesis is to create a concept to integrate the CVA into the Vertical Form Fill Seal Machine for the inline application of coffee valves. The main deliverables for the project are:

- Analysis of the CVA working principles and specifications (position accuracy, sealing specifications);
- Draft the Product Requirement Specifications for the mechanical integration;
- Developing various concepts for the integration of the coffee valve applicator;
- Organize Internal reviews of the concepts with the project team;
- Create Concept design and drawings (in CAD) for the integrated coffee valve applicator.

What distinguishes you

You are currently studying mechanical engineering and are looking for a graduation internship starting in February 2018. Additionally, you recognize yourself in the following qualities:

- You possess very good analytical, organizational and accuracy strengths;
- You have affinity with CAD and construction principles.
- 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 Robert Bosch Packaging Technology B.V. we offer you a challenging working and learning environment. 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/graduation-internship-mechanical-engineering-integration-component>.

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