Are you the enthusiastic, talented intern/ graduate intern we're looking for?

You will be participating in the Cutting Elements & Metals Industrialization team at Philips Drachten, where you get the opportunity to work on the 'From data to knowledge' assignment. For this assignment you will work with the industrialization team, where state-of-the-art high-quality metal forming processes are developed and implemented into the industrial domain of mass manufacturing. In the total development chain new functions and products are developed. The industrialization team will ensure that the right function is delivered to our customers for the right price. In this transition from development to industrialization it is key to develop the right supply set up and develop capable and robust manufacturing technologies. Our development of new forming technologies continues into the mass manufacturing phase, where we gather process and product data of all process steps and products by implementing measurements and sensors. To enable Capability and Robustness improvements, several activities have already started up to ensure we are able to learn faster using the data. For the next project we want to:

- Applying Design of Experiments (DoE) to a new production line for high-accuracy cutting elements during industrialization ramp-up.
- Using data science and machine learning techniques to identify critical process parameters influencing dimensional accuracy and defect occurrence.
- Developing a predictive model for process robustness and potential integration into predictive maintenance and quality control systems.
- Delivering best practices for leveraging production data to accelerate industrialization and ramp up faster by gaining knowledge from generated data.

We are looking for

We prefer students able to start per February 2026 for a minimum of 6 months.
To succeed in this role, you study towards your Bachelor or Master in example: Mechanical Engineering/ Mechatronics and have the following skills and experience:

- Fluent in Dutch and English (written and verbal)
- Team player, passionate for results and people.
- Hands on mentality, team player and result driven.

You will be part of

In Drachten you'll find two of the largest innovation sites of Philips globally. With over 1500 colleagues from over 30 different nationalities, it's an inspiring environment for you as young talented intern. At Philips Drachten some of the best consumer product developers in the world work together to create innovative products with excellent end-user experience. For more information about Philips Drachten click here.

Our offer

Philips Drachten could be the start of your promising career, with lots of opportunities develop yourself locally or internationally in different sectors of our company. At Philips you work for an employer whose activities have a major positive impact on people all over the world. You also get the opportunity to:

- Strengthen your capabilities and knowledge
- Be guided by a team of experienced professionals
- You will receive an internship allowance
- Within Philips you get the opportunity to expand your professional network

If you recognize yourself in this profile and would like to take this challenge, we invite you to apply!