

# Your challenge

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

@ The Philips Drachten Production Location we Produce Shaving Heads for the Philips shavers worldwide. To improve our competitiveness there is always a drive to improve our productivity



We see an opportunity to increase the productivity by transferring manual labor to Autonomie Mobile Robots (AMR) . These robots are available but need to be able to pick and place the current used Boxes between the production Location(s)

The assignment consist the development the mechanical gripper to pick the Boxes and the development of the storage location related to this.

We would like to test the developed solutions in our production environment wherein we demonstrate the use of an AMR to fully automate the handling, this will be in 1 specific area of the low end cutting elements production line .

As there is a test environment available at the PHD production location the challenge is to develop the gripper + storage loaction and test its icw the available AMR (test and run it autonomously)

In the End we need to examen the solution and the usability and define the technical and organizational roadblocks and risks that we encounter during this pilot period.

You will be participating in the Engineering Department (PIE) at Philips Drachten.

## **Your responsibilities**

As an intern your main responsibilities are:

- Develop the mechanical gripper to handle Boxes in a robust way
- Develop the mechanical setup for the storage location of the Boxes in the most optimal way (space versus robustness)
- Realize and test it in a pilot environment
- Report the Technical and organizational roadblocks and risks encountered:

## **We are looking for**

We prefer a student that is able to start per September 2026 for a minimum of 5-6 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:

- Affinity with mechatronics/robotics in an industrial environment
- Mechanical/electrical CAD experience to design and develop the mechatronic interface
- 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 the Philips Drachten PIE department**

In Drachten you'll find two of the largest innovation sites of Philips globally. With over 1700 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 before end of July!***

For questions regarding the procedure of this Internship please contact:

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