



PROFIEL

Name: Koen van Wijlick
Address: Loo 17
Postal Code and City: 5981 NN, Panningen
Date of Birth: 18-06-2001
Place of Birth: Helden
Nationality: Dutch
Marital Status: Single
Driver's License (B): Yes

CONTACT

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Curriculum Vitae

EDUCATION

September 2021
until July 2025

Fontys University of Applied Sciences, Venlo
Bachelor of Science in Mechatronics (HBO)

September 2017
until July 2021

Gilde opleidingen
Secondary Vocational Education (MBO) Level 4 in Mechatronics

September 2013
until July 2017

Secondary School , Bouwens van der Boijecollege, Panningen
MAVO (Lower General Secondary Education)

WORK EXPERIENCE

January 2024 -
present

Mechatronic Machinery, Deurne
Software Engineer AI

Responsible for researching new techniques in artificial intelligence and exploring how they can be applied to current systems for optimization.

August 2022
until August 2023

Tinus, Panningen
Bar staff

Worked in a busy bar specializing in craft beers. Responsible for advising customers on beer selection, providing excellent service, and independently managing the bar during long and high-pressure shifts. Developed strong skills in customer service, efficiency, and working independently under pressure.

March 2017 tot
August 2022

Restaurant Op d'n Berg, Helden
Medewerker bediening, snackbar en keukenpersoneel
Worked closely with colleagues and was expected to take a leading role in managing staff and ensuring smooth operations across service and kitchen areas.

September 2018 -
present

Stichting Jong Nederland Helden
Volunteer Work

Group leader and active committee member responsible for managing tents and related logistics for events.

February 2014
until November 2020

Various Agricultural Companies

Worked in strawberry, asparagus, and leek farms in roles such as cultivation assistant and quality controller. Responsible for harvesting, sorting, and inspecting crops.

INTERNSHIPS

August 2023 until
January 2024

Mechatronic Machinery, Deurne
Bachelor Internship (Year 3)

Developed a complete concept for detecting products using artificial intelligence to accurately determine their locations.

February 2021
until July 2021

Kusters Engineering, Venlo
Graduation Internship (MBO Level 4, Year 4)

Designed a new concept for an input system for a shredding machine. Delivered a complete advisory and technical drawing package. Gained experience in project management, milestone planning, and requirements specification.

May 2018
until March 2019

Various Companies (Christiaens Group BV, WP Haton, Aliaxis) Stage MBO niveau 4, leerjaar 3

Internships – MBO Level 4 (Years 1–3)

Gained broad experience in mechatronics through multiple internships. Tasks included creating 2D electrical layout drawings, performing Excel-based calculations for mechanical components, assembling electrical control cabinets, and rotating across departments to build a strong foundation in industrial automation and design. Certificaten

CERTIFICATIONS

Solidworks Mechanical Design Associate

Issued: May 2019 – No Expiration

Credential ID: C-5SUCTJW3L4

Validated proficiency in 3D CAD modeling, part design, assembly creation, and technical drawings using SolidWorks.

Basisveiligheid VCA

Issued: March 2018 – Expires: March 2028

Credential ID: 541448.05174689

Certified in occupational health and safety for working in high-risk environments according to Dutch/Belgian VCA standards.

LANGUAGES

- **Dutch:** Native language
- **English:**

Reading: Good

Writing: Good

Speaking: Good

SOFTWARE & PROGRAMMING SKILLS

Python, C++ – Robotics, AI, vision (YOLO, ROS 2, OpenCV)

Siemens PLC (TIA Portal) – Industrial automation

Docker, Git, Linux – Deployment, version control, system ops

SolidWorks, Inventor, AutoCAD – 3D design, 2D schematics