



# Menno Scholten

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## Job experiences

### **January 2025 –**

Embedded Systems engineer • Fulltime • KITE Robotics B.V.

- Developed SRT-camera streaming application for an embedded platform (C++)
- AI-object tracking on an embedded platform (C++)
- Designed PCBs with full hardware/software integration
- Designed and developed robotic control systems
- Implemented software deployment CI/CD toolchain (DevOps/Docker/Ansible/Buildroot)
- Guiding of interns

### **June 2022 – 2025**

Engineer mechatronics • Parttime • KITE Robotics B.V.

- Junior engineer mechatronics June 2022 – April 2024
  - Developed Lidar profile matching to determine position in 2D
  - Designed and developed a window cleanliness sensor tool
- Graduation project (Master) – April 2024
  - LCNet: A State-of-The-Art multi-label image classification model

### **February 2022 – June 2022**

Graduation internship • Fulltime • KITE Robotics B.V.

- Graduation project (Bachelor) – February 2022
  - Designed and developed a small-scale product demonstrator

### **May 2016 – August 2021**

Junior engineer mechatronics • Parttime • Inducomp B.V.

- Junior engineer mechatronics May 2016 – August 2021
- Internship February 2021 – July 2021

### **August 2016 – July 2018**

Junior engineer Mechatronics • Parttime • QConcepts design & Engineering

- Design and development of carbon airfoils
- Design and development of a VTOL-drone

### **January 2016 – June 2016**

Service engineer: Technical Service • Internship • RPC Promens



08 June 1997



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[Portfolio](#)



## Educations and Certificates

### **Educations:**

#### **University of Twente, Enschede**

- MSc Embedded Systems
- 2022-2024

#### **Saxion , Enschede**

- BSc Mechatronics
- 2018-2022
- **Minor:** Premaster: Embedded Systems Aug 2021 – Feb 2022

#### **Graafschap College , Doetinchem**

- Mechatronica MBO
- 2014-2018

### **Certificates:**

#### **VCA, Almelo**

- 2025

#### **CSWA, Enschede**

- 2018

## Core competencies

- Ambitious
- Motivated
- Competitive
- Straight to the point
- Practical

## Leisure activities

- Robotic projects
- Programming projects (e.g a Fleet manager, Fixed Wing UAVs)
- Designing custom PCB's
- Flying model airplanes
- Driving and working on cars and motorcycles

## Other

### **Familiar with:**

- Software (C++, C, Python, VHDL, Pascal, JavaScript, HTML, CSS)
- Software Control systems (PID, LQR, MPC)
- Networking (TCP/UDP Sockets, SRT, HTTP(S))
- PCB-Design (Altium, KiCAD)
- Soldering (SMD, Reflow)
- Drones/UAVs and Robotics (Modelling, Design, Control)
- Creation of custom AI applications and models (Transformers, MLPs, Pytorch)
- CI/CD toolchains (GitHub, DevOps, Docker)

### **Learning**

- Currently deepening knowledge in Advanced C++ (Modern > C++14)
  - Exploring Embedded Linux build systems (The Yocto Project)
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