

CURRICULUM VITAE

Personal details:

First names: Dielof Isaac
Surname: Van Loon
Address: ***
Zipcode / city of residence: 2628CK Delft
Phone number: ***
E-mail: info@dielof.nl
Website: http://dielof.nl
Date of birth: 11 April 2002
Place of birth: Schoorl
Nationality: Dutch



Education:

- VWO (Preliminary Scientific Education) (2015 – 2020)
- BSc Mechanical Engineering (2020 – 2023)
- Minor Computer Science (2022)
- MSc Robotics (2023 – present)

Skillset:

Programming languages

- Python
- Rust
- C#
- C++

Extensive experience with

- ROS
- Git
- PyTorch and Tensorflow
- SolidWorks and other CADs

Work experience parttime:

- 12/'15 – 09/'18 **Various sidejobs**
Butcher, pizza delivery, grocer
- 07/'18 – 09/'19 **Uw Computerstudent, region Alkmaar**
Computer assistance at home, ranging from setting up a local network to explaining Office.
- 07/'19 – 09/'21 **Fietsenwinkel Schoorl, Schoorl**
Bike mechanic, sales assistant.
- 07/'19 – 12/'21 **MTB Schoorl, Schoorl**
Certified Mountainbike guide
- 07/'23 – 09/'23 **The Yacht Week, Split, HR**
Floatilla Skipper

09/'21 – present **TLS Support, Delft**
Technical Support for teaching staff of the TU Delft

Work experience self-employed:

2014 – 2019 **Custom PC building**
I built 14 custom computers in this period, ranging from a budget computer to all-out gaming stations.

2018 – 2021 **Custom electric bicycles**
I built 4 custom e-bikes, ranging from a cargo-bike to e-bikes with Vespa-grade power. I also built 6 lithium-ion batteries for these e-bikes and other applications, where the capacity ranges from 200 Wh to 3 kWh.

2018 – present **Disk jockey, NL**
Self-employed DJ

2019 – present **Server management**
I manage servers running WordPress and static websites, VPN-services, file hosting and other services

Projects:

2020 **Photovoltaic (solar) panel installation**
I designed and deployed two roof photovoltaic systems (4 kWp and 3 kWp) and replaced part of the power network including the mains fuse box.

2021 **Webshop / catalog**
I developed and deployed a backend API which synchronises the bicycle inventory system with a webshop running on WordPress.

2020 – present **Robotics projects**
I developed various robots and robotic solutions for problems. Please visit my website, <http://dielof.nl>, for more information!

Personal properties:

According to feedback from past employers I am:

- o Resourceful
- o Solution-oriented
- o Curious
- o Reliable
- o Ambitious
- o Inquisitive

Languages:

- o Dutch (native-speaker)
- o English (fluent)
- o German (mediocre)

Hobbies:

- o Mountain biking
- o Sailing
- o Music