CURRICULUM VITAE

Personal details:

First names:	Dielof Isaac
Surname:	Van Loon
Address:	***
Zip code / 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
- AI / Machine Learning
- Robot Operating System (ROS)
- Git
- PyTorch and Tensorflow
- SolidWorks and other CADs
- 3D printing, workshop manufacturing and machining
- Electronics

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:

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

Hobbies:

- Mountain biking
- Photography
- Sailing
- Music