

Contactgegevens

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(LinkedIn)

Belangrijkste vaardigheden

Reinforcement Learning
Control Theory
Drones

Marco X.

TU Delft Aerospace Engineering | NLR R&D | Founder DDI
Delft, Zuid-Holland, Nederland

Samenvatting

I am an Aerospace Engineering graduate from Delft University of Technology, with a deep passion for technology and entrepreneurship. Currently, I am pursuing a Master's in Control and Simulation, specializing in autonomous drones through coursework and hands-on extracurricular activities.

My experience has given me skills in hands-on problem-solving, team leadership, and integrating technologies into practical applications.

Ervaring

Scaled Autonomy

Co-Founder

mei 2025 - Present (5 maanden)

Delft, The Netherlands

NLR - Netherlands Aerospace Centre

Researcher | Reinforcement Learning for Autonomous Interceptor Drones (R&D)

maart 2025 - Present (7 maanden)

Amsterdam, North Holland, Netherlands

Currently conducting my Master thesis in collaboration with TU Delft and the NLR, focusing on reinforcement learning techniques for autonomous interceptor drones

Delft Drone Initiative

Founder | Delft Drone Initiative

juni 2024 - Present (1 jaar 4 maanden)

Delft, South Holland, Netherlands

Delft Drone Initiative is a group of ambitious and motivated TU Delft engineers. We develop our own drone related hard- and software and educate students on how to build and fly drones through our hands-on workshops.

Lockheed Martin

A.I. Manufacturing Technology Intern (F-35 Lightning II)

juli 2024 - december 2024 (6 maanden)

Texas, United States

Prototyping and testing AI and computer vision models to improve efficiency and accuracy on the F-35 production line.

Delft University of Technology

SAPIENCE | Computer Vision Engineer & Project Manager

november 2023 - augustus 2024 (10 maanden)

Delft

Building a fully autonomous drone on for a search and rescue mission together with five other TU Delft students. SAPIENCE is a NATO Funded done competition between four universities over a period of 3.5 years

Besides being responsible for the computer vision development for the drone, I am also serving the roll of project manager.

Oliva Energy

Technical Business Developer

juni 2023 - januari 2024 (8 maanden)

Oliva Energy builds software for energy systems to implement flexibility

CleanHash

Founder

oktober 2022 - juli 2023 (10 maanden)

Delft

Providing energy services through repurposing heat from computing power

DC Academy

Operational manager

april 2021 - september 2022 (1 jaar 6 maanden)

Amsterdam, North Holland, Netherlands

Accelerator Events

Director, Co-Founder

juli 2021 - augustus 2022 (1 jaar 2 maanden)

Delft, Netherlands

Accelerator is an music event that started in the old particle accelerator of Delft. Accelerator Events organised three succesfull events. In August

2022 the founding team decided to exit the company because the personal development and career goals were not in the event industry.

AthenaStudies

Faculty Manager

januari 2020 - april 2021 (1 jaar 4 maanden)

Delft en omgeving, Nederland

Athena Studies is an organisation that provides exam trainings for university students. My job was to market these courses at the TU Delft Aerospace Engineering faculty. I was leading a marketing team that solely focused on the Aerospace faculty.

VSV 'Leonardo da Vinci'

B2 Quality Control

januari 2020 - april 2021 (1 jaar 4 maanden)

Delft, Zuid-Holland, Nederland

The Quality Control group is a committee of the study society VSV 'Leonardo da Vinci'. The committee consist of students whom deliver feedback to the tutors at the faculty of Aerospace Engineering. Once per quarter the committee and tutors come together to reflect back on the course and look for improvements for in the next year. The B2 is responsible for reviewing the second year courses.

WijWonen Delft

Board Treasurer

december 2018 - februari 2020 (1 jaar 3 maanden)

Delft

WijWonen Delft is een huurdersorganisatie die zich inzet voor ruim 8.500 leden.

WijWonen werkt nouw samen met woning corporatie DUWO om de algemene woonkwaliteit voor studenten te verbeteren. Hierbij heeft WijWonen het recht om gevraagd en ongevraagd advies uit te brengen op het beleidsniveau van DUWO.

Als penningmeester van WijWonen ben ik verantwoordelijke voor alle financieele zaken omtrend de vereniging. Daarbij ben ik ook het aanspreekpunt van internationale studenten en functioneer ik als vice-voorzitter.

VSV 'Leonardo da Vinci'

B1 Quality control

september 2017 - juli 2018 (11 maanden)

Delft

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Kite Club Corfu

Kitesurf-instructeur

juli 2017 - augustus 2017 (2 maanden)

Corfu (Griekenland)

Teaching people kitesurfing in Greece.

VERTIGO SPORT CENTER

Kitesurf-instructeur

juni 2017 - juli 2017 (2 maanden)

Vrouwenpolder

Teaching people kitesurfing.

Opleiding

Delft University of Technology

MSc, Aerospace Engineerign - Control & Simulation · (2023 - 2025)

Technische Universiteit Delft

Bachelor's degree, Aerospace engineering / Lucht- en ruimtevaart techniek
· (2017 - 2022)

Pontes Pieter Zeeman

VWO, N&T + N&G · (2016 - 2017)

Pontes Pieter Zeeman

Hoger algemeen voortgezet onderwijs (Havo) · (2010 - 2015)