Gijs Groote

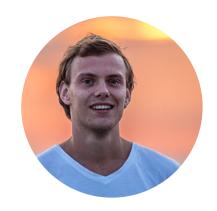
Control Engineer

Github

J +316 424 989 53

Kardinaal Alfrinklaan 21 3972 SG, Driebergen in Linkedin

≥ gijsgroote@hotmail.com



PROFILE

A persistend control engineer with a passion for robotics and software engineering. I adore making stuff, as hobbyist I do woodworking and make bicycles. At an employer, I would like to work on process automation through software development. It is important to me who benefits from the software delivered. What also is important to me is personal development, I would like to broaden and improve my programming skills.

WORK EXPERIENCE

Reclameverspreiding Eindhoven

Newspaper Caretaker

Slinders

Aid Chief

Flinders

Cook

IKEA

logistics employee

Choconut BV

 $Industrial\ Worker$

TU Delft, 3mE

Student mentor

ROCSYS

Junior Engineer

Sport Complex X

Boxing Instructor

TU Delft, 3mE, Faculty Workshop

Teaching Assistant

Magneto B.V.

Engineer

August 2008 - September 2012 Nederwetten, Noord-Brabant

August 2012 - June 2015 Nederwetten, Noord-Brabant

> May 2015 - August 2015 Groningen, Groningen

June 2017 - August 2017 Delft, South-Holland

(seasonal work) December 2013 - December 2018

Zuidwolde, Drente

September 2018 - April 2020 Delft, South-Holland

May 2019 - August 2019

Delft, South-Holland

September 2021 - Febuary 2024 Delft, South-Holland

September 2017 - September 2024

Delft, South-Holland

April 2024 - Present Delft, South-Holland

EDUCATION _

Elemantary School, Sint-Jozef

Cito Score: 546

Secondary School, Lorentz-Casimir Lyceum

NLQF/EQF niveau: 4S

University of Applied Sciences, Hanze

Mechanical Engineering, Foundation Year

2000 - 2009

Nederwetten, North-Brabant

September 2009 - June 2014 Eindhoven, North-Brabant

September 2014 - August 2015

Groningen, Groningen

Technical University Delft

BSc. Mechanical Engineering

September 2015 - June 2019 Delft, South-Holland

Individual Minor in Computer Science

- Object-oriented Programming
- Software Quality and Testing
- Software Engineering Methods
- Algorithms and Data Structures
- Algorithm Design
- Automata, Languages and Computability

Additional courses followed: OOP Project, Computer Organisation

Bridging Programme to MSc. Computer Science (completed)

Technical University Delft

MSc. System & Control

September 2019 - June 2023 Delft, South-Holland

Electives:

- Fault diagnosis and Fault Tolerant Control
- Adaptive Optics Design Project
- Networked and Distributed Control
- Control for High Resolution Imaging
- Machine Learning 1
- Machine Learning 2

Additional courses followed: Robot Software Practicals, System Validation Robot Motion Planning, Model Predictive Control

MSc. Thesis:

"A graph-based search approach for planning and learning".

COMMITEES.

Virgiel, Renovator Commission

Member Renovator Commission

Virgiel, Renovator Weekend Commission

Organiser

Virgiel, Barbara's Boxing Academy

Chairman

TU Delft, 3mE, Faculty Student Council

Secretary

September 2016 - September 2017

Delft, South-Holland

September 2017 - September 2018 Delft, South-Holland

September 2018 - September 2020 Delft, South-Holland

September 2020 - September 2021 Delft, South-Holland

SKILLS

Advanced Python

Linux LaTex

Solidworks

Autodesk Inventor

Moderate C++
Rust

 $\begin{array}{c} {\rm JavaScript/HTML/CSS/MySQL} \\ {\rm JAVA} \end{array}$

JAVA Matlab MCRL2 LabView

GENERAL ____

Birth, Utrecht 27 September 1996 Gender Male Driver Licences AM, A1, A2, A, B, T

LANGUAGES ____

Nederlands Native English Fluent

CHARACTER TRAITS ___

Eager to Learn Enthousiastic Social Persistent

INTERESTS

Do-It-Yourself Cooking Marathons

CERTIFICATES ___

SolidWorks
NOC NSF
AVI
CCVX
Math B
CCVX
Physics
SSVV
VOL-VCA Savety Certificate
Orange Cross
NBB
Boxing Instructor

REFERENCES _____

C. Pezzato (Daily Thesis Supervisor)J. Langeveld

(Manager Product development at Magneto)