Gijs Groote

Control Engineer

 Github Linkedin

 +316 424 989 53   gijsgroote@hotmail.com

 Kardinaal Alfrinklaan 21
 3972 SG, Driebergen

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	August 2008 - September 2012
Newspaper Caretaker	*Nederwetten, Noord-Brabant*
Slinders	August 2012 - June 2015
Aid Chief	*Nederwetten, Noord-Brabant*
Flinders	May 2015 - August 2015
Cook	*Groningen, Groningen*
IKEA	June 2017 - August 2017
logistics employee	*Delft, South-Holland*
Choconut BV	(seasonal work) December 2013 - December 2018
Industrial Worker	*Zuidwolde, Drente*
TU Delft, 3mE	September 2018 - April 2020
Studentmentor	*Delft, South-Holland*
ROCSYS	May 2019 - August 2019
Junior Engineer	*Delft, South-Holland*
Sport Complex X	September 2021 - Febuary 2024
Boxing Instructor	*Delft, South-Holland*
TU Delft, 3mE, Faculty Workshop	September 2017 - September 2024
Teaching Assistant	*Delft, South-Holland*
Magneto B.V.	April 2024 - Present
Engineer	*Delft, South-Holland*

EDUCATION

Elemantary School, Sint-Jozef	2000 - 2009
Cito Score: 546	*Nederwetten, North-Brabant*
Secondary School, Lorentz-Casimir Lyceum	September 2009 - June 2014
NLQF/EQF niveau: 4S	*Eindhoven, North-Brabant*
University of Applied Sciences, Hanze	September 2014 - August 2015
Mechanical Engineering, Foundation Year	*Groningen, Groningen*

Technical University Delft   September 2015 - June 2019

BSc. Mechanical Engineering   *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   September 2019 - June 2023

MSc. System & Control   *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:

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

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COMMITEES

Virgiel, Renovator Commission   September 2016 - September 2017

Member Renovator Commision   *Delft, South-Holland*

Virgiel, Renovator Weekend Commission   September 2017 - September 2018

Organiser   *Delft, South-Holland*

Virgiel, Barbara's Boxing Academy   September 2018 - September 2020

Chairman   *Delft, South-Holland*

TU Delft, 3mE, Faculty Student Council   September 2020 - September 2021

Secretary   *Delft, South-Holland*

SKILLS

Advanced	Python
	Linux
	LaTex
	Solidworks
	Autodesk Inventor
Moderate	C++
	Rust
	JavaScript/HTML/CSS/MySQL
	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	Associate
NOC NSF	AVI
CCVX	Math B
CCVX	Physics
SSVV	VOL-VCA Savety Certificate
Orange Cross	First Aid
NBB	Boxing Instructor

REFERENCES

C. Pezzato (Daily Thesis Supervisor)
J. Langeveld
(Manager Product ontwikkeling bij Magneto)