Gijs Groote

 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 love making stuff, as hobbyist I enjoy woodworking and make bicycles. Professionally, I aim to become part of a software-development team, combining a shared purpose, software, and teamwork to realize useful (and beautiful) projects.

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 - April 2025
Engineer　　　　　　　　　　　　　　　　　　*Delft, South-Holland*

Batenburg Bellt　　　　　　　　　　　　　　April 2025 - Present
Application Engineer　　　　　　　　　　　　　*Zeist, Utrecht*

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:

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

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

CHARACTER TRAITS

Eager to Learn
Enthousiastic
Perfectionistic
Persistent

GENERAL

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

LANGUAGES

Nederlands	Native
English	Fluent

INTERESTS

Do-It-Yourself
Cooking
Marathons

REFERENCES

C. Pezzato   (Daily Thesis Supervisor)
J. Langeveld
    (Magneto's Manager Product development)