Gijs Stoffer Groote
CONTROL ENGINEER

📍 Kardinaal Alfrinklaan 21, 3972 SG, Driebergen

📞 +316 424 989 53 ✉ gijsgroote@hotmail.com

 Github   Linkedin

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*

- 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

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)