

Gijs Stoffer Groote

CONTROL ENGINEER

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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 profits from the software delivered. In groups, I am an initiator and often take a managerial role because I enjoy overseeing the progress of the project. My character traits can be summarized as eager to learn, enthusiastic and social.

WORK EXPERIENCE

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

EDUCATION

Elementary School, Sint-Jozef <i>Cito Score: 546</i>	2000 - 2009 <i>Nederwetten, North-Brabant</i>
Secondary School, Lorentz-Casimir Lyceum <i>NLQF/EQF niveau: 4S</i>	September 2009 - June 2014 <i>Eindhoven, North-Brabant</i>
University of Applied Sciences, Hanze <i>Mechanical Engineering, Foundation Year</i>	September 2014 - August 2015 <i>Groningen, Groningen</i>
Technical University Delft <i>BSc. Mechanical Engineering</i>	September 2015 - June 2019 <i>Delft, South-Holland</i>

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](#)”.

COMMITTEES

Virgiel, OHC

Member Renovator Commision

September 2016 - September 2017

Delft, South-Holland

Virgiel, Barbara's Boxing Academy

Chairman

September 2018 - September 2020

Delft, South-Holland

TU Delft, 3mE, Faculty Student Council

Secretary

September 2020 - September 2021

Delft, South-Holland

SKILLS

Advanced

Python
Linux
LaTex
Solidworks

Moderate

C++
Rust
JavaScript/HTML/CSS/MySQL
JAVA
Matlab
MCRL2

CERTIFICATES

SolidWorks

Associate

NOC NSF

AVI

CCVX

Math B

CCVX

Physics

SSVV

VOL-VCA Savety Certificate

Orange Cross

First Aid

NBB

Boxing Instructor

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)

M. Goossens

(Coördinator Faculty Workshop)