

Gijs Stoffer Groote

CONTROL ENGINEER

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PROFILE

A persistent control engineer with a passion for development and design. The character traits can be summarized as ambitious, managerial and curious.

EDUCATION

Elementary 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
- Model Predictive Control
- Adaptive Optics Design Project
- Networked and Distributed Control
- Control for High Resolution Imaging
- Robot Motion Planning and Control
- Machine Learning 1
- Machine Learning 2

Additional courses followed: Robot Software Practicals, System Validation

MSc. Thesis:

“A graph-based search approach for planning and learning”.

WORK EXPERIENCE

Reclameverspreiding Eindhoven
Newspaper Caretaker

August 2008 - September 2012
Nederwetten, Noord-Brabant

Slinders
Aid Chief

August 2012 - June 2015
Nederwetten, Noord-Brabant

Choconut BV
Industrial Worker

(seasonal work) December 2013 - December 2018
Zuidwolde, Drente

TU Delft, 3mE
Studentmentor

September 2018 - April 2020
Delft, South-Holland

ROCSYS
Junior Engineer

May 2019 - August 2019
Delft, South-Holland

TU Delft, 3mE, IWS Workshop
Teaching Assistant

September 2017 - Present
Delft, South-Holland

Sport Complex X
Boxing Instructor

September 2021 - Present
Delft, South-Holland

COMMITEES

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
Matlab
MCRL2

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

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
M. Goossens

(Daily Thesis Supervisor)
(Coordinator IWS)