

Gijs Stoffer Groote

CONTROL ENGINEER

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

Cito Score: 546

2000 - 2009

Nederwetten, North-Brabant

Secondary School, Lorentz-Casimir Lyceum

NLQF/EQF niveau: 4S

September 2009 - June 2014

Eindhoven, North-Brabant

University of Applied Sciences, Hanze

Mechanical Engineering, Foundation Year

September 2014 - August 2015

Groningen, Groningen

Technical University Delft

BSc. Mechanical Engineering

September 2015 - June 2019

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

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](#)”.

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

(Daily Thesis Supervisor)

M. Goossens

(Coordinator IWS)