

# Gijs Stoffer Groote

## CONTROL ENGINEER

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## PROFILE

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

## EDUCATION

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**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
- 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

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**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

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**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

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**Advanced**

Python  
Linux  
LaTex  
Solidworks

**Moderate**

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

## GENERAL

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**Birth, Utrecht**

27 September 1996

**Gender**

Male

**Driver Licences**

AM, A1, A2, A, B, T

## LANGUAGES

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**Nederlands**

Native

**English**

Fluent

## INTERESTS

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**Do-It-Yourself**

**Cooking**

**Marathons**

## CERTIFICATES

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**SolidWorks**

Associate

**NOC NSF**

AVI

**CCVX**

Math B

**CCVX**

Physics

**SSVV**

VOL-VCA Savety Certificate

**Orange Cross**

First Aid

**NBB**

Boxing Instructor

## REFERENCES

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**C. Pezzato**  
**M. Goossens**

(Daily Thesis Supervisor)  
(Coordinator IWS)