



# DAVID FESTEN

ARTIFICIAL INTELLIGENCE  
RESEARCHER & SOFTWARE  
ARCHITECT

## PERSONALIA

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Rotterdam, Netherlands  
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16-10-1989

## GENERAL SKILLS

Dutch: Native  
English: Fluent  
Driver's License: Yes

## TECH STACK

Worked with: HTML/CSS/JS,  
Typescript, CoffeeScript, C#, Java,  
PHP, Matlab, R, Python, Shell, Haskell,  
C++, SQL AngularJS, Angular 2+,  
CakePHP 2/3, Spring, WPF,  
WordPress, OpenGL

## PROFILE

I am an technical consultant and a freelance software developer. I love solving problems pragmatically and I am a huge advocate of privacy and proper ethics. My primary interest is in emerging technologies such as AI, Machine Learning and Big Data.

Profile: Ambitious, Innovative, Leadership and Adaptive.

Passions: Traveling, music making, running, skiing, golfing and scuba diving.

## RELEVANT WORK EXPERIENCE

### M&C PROTECT (FREELANCE) | 2013 - NOW

- Built a custom business to business e-commerce platform
- Incremental improvements of the platform
- Maintenance of the e-commerce platform

### ACADEMIC PROGRAMMER | 2014 - 2015

- Worked on Genius; an AI platform for automated agent negotiations (ii.tudelft.nl/genius)

### STICHTING HOMBURG BONDS (FREELANCE) | 2012 - 2013

- Built custom single-use software tool for supporting a live voting process over two countries
- Built single-use software using OCR for recognizing handwritten votes

## EDUCATION

Master of Science in applied computer science and artificial intelligence  
Delft university of technology | 2013 - 2018

Minor in applied artificial intelligence

Delft university of technology | 2011-2012

Bachelor of science in applied computer science

Delft university of technology | 2008 - 2013

## PUBLICATIONS

**SURVEY ON EVOLUTION OF ANAC AGENTS' SEARCH STRATEGIES**  
*DELFT UNIVERSITY OF TECHNOLOGY EDUCATIONAL REPOSITORY*  
2019

**EVALUATING MULTIPARTY MULTILATERAL TURN-TAKING PEER  
NEGOTIATION PROTOCOLS**  
*DELFT UNIVERSITY OF TECHNOLOGY EDUCATIONAL REPOSITORY*  
2018

**ALTERNATING OFFERS PROTOCOL FOR MULTILATERAL  
NEGOTIATION**  
*MODERN APPROACHES TO AGENT-BASED COMPLEX AUTOMATED  
NEGOTIATION*  
2017

**A GREEDY COORDINATE DESCENT ALGORITHM FOR HIGH-  
DIMENSIONAL NONLINEAR NEGOTIATION**  
*RECENT ADVANCES IN AGENT-BASED COMPLEX AUTOMATED  
NEGOTIATION*  
2016