



# DAVID FESTEN

SOFTWARE ARCHITECT, FULL STACK DEVELOPER

## PERSONALIA

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## GENERAL SKILLS

Dutch: Native

English: Fluent

Driver's License: Yes

## TECH STACK

*Likes working with:* .net Framework/Core, NodeJS React, Angular, Typescript, GraphQL, Python

## PROFILE

I am in the software industry since 2013, currently in the role of architect. I love solving problems pragmatically and I am a huge advocate of privacy and proper work ethics. My primary interest is in emerging technologies such as AI, Machine Learning and Big Data. I enjoy working in teams that adapt modern technologies such as NodeJS and GraphQL.

I work in the position of Software Architect at a large multinational via ALTEN. My team creates monitoring & control software for the oil industry.

As a freelance software developer, I work for a client on a custom e-commerce solution and inventory management system.

*Profile:* Ambitious, Innovative, Leadership and Adaptive.  
*Passions:* Traveling, music making, running, skiing, golfing and scuba diving.

## RELEVANT WORK EXPERIENCE

### ALTEN (CLIENT IN OIL INDUSTRY) | 2020

- Instrumentation and control software
- Architectural role
- Working in a full-stack agile team

### ALTEN (HORTICULTURAL CLIENT) | 2019

- Logistic software
- Full stack developer
- Commissioning the software on-site around the world

### M&C PROTECT | 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](https://ii.tudelft.nl/genius))

### STICHTING HOMBURG BONDS | 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**