

Piet De Vaere



ETH Zürich
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Zürich, CH
on request
<https://devae.re>



EDUCATION

Swiss Federal Institute of Technology Zürich

PhD in Computer Science at the Network Security group

Zürich, CH

April 2018 – Current

- Publications:
 - Liam: An Architectural Framework for Decentralized IoT Networks (MASS19)

Swiss Federal Institute of Technology Zürich

Master of Science in Electrical Engineering and Information Technology

Zürich, CH

September 2016 – April 2018

- Weighted average: 5.9/6, with distinction
- Specialisation in computers and networks
- Awarded Excellence Scholarship and Opportunity Programme (ESOP)
- Master and semester theses:
 - Semester 1: Continuous measurement of internet path transparency
 - Semester 2: A robust sensing platform for high alpine sensor networks
 - Master thesis: Adding passive measurability to QUIC
- Publications:
 - Tracking transport-layer evolution with PATHspide (ANRW17)
 - Three bits suffice: explicit support for passive measurement of internet latency in QUIC and TCP (IMC18)

Delft University of Technology

Bachelor of Science in Electrical Engineering

Delft, NL

September 2013 – June 2016

- Weighted average: 9.5/10, with distinction
- Enrolled in the Honours Programme
- Graduation project was awarded IEEE award for best business plan
- Participating in IDEA League Challenge Programme
 - Exchange with ETH Zürich, RWTH Aachen and Chalmers University
 - Covering issues at the intersection of technology and society
 - For six selected students per university

Sint-Andreaslyceum

ASO Science-maths with 8 hours of maths (final grade: 85%)

Bruges, BE

September 2007 – June 2013

VOLUNTEERING

OHM2013 core team

Member of the core organisation of OHM2013

Geestmerambacht, NL

July 2013 – August 2013

- Five day outdoor IT, technology and security event
- 3000 attendees
- Responsible for on-site transport logistics and support for on-site security

Chair of the student council
Sint-Andreaslyceum

- Defending the interests of the students to the school board
- Organisation of several yearly events

Bruges, BE
September 2010 – July 2013

Workshop trainer
TEDxFlanders

- Giving workshops during the youth event of TEDxFlanders
- Assisting with the general event organisation

Antwerp, BE
September 2012 – September 2014

MISCELLANEOUS

- Finalist BBC and Telenet public speaking awards, 2013
- Awarded *most meritorious student* at high school graduation ceremony, 2013
- Projectblog on <https://devae.re/projects>
- Regular attendee of events like CCC and EMF camp
- Workshop trainer at TimeLab, Ghent, 2012 to 2013
- Completed ITACE test of academic English with a C1 score, 2013
- Scored 114 on the TOEFL iBT test, 2016
- Favorite operating system: Debian with the Plasma desktop environment

COMPETENCES

Experienced

- C, Python, MATLAB
- PCB design (Altium, KiCad, Eagle)
- L^AT_EX
- Adobe Photoshop
- SMD soldering
- Public speaking
- Event management
- Ad-hoc problem solving

Some experience

- HTML, CSS, JavaScript
- Go, C++, Java, SQL, Hadoop
- VHDL
- Adobe Illustrator
- Teaching
- Team management
- Safety coordination
- Server management (Linux)

LANGUAGE PROFICIENCY

- Dutch (Native proficiency)
- English (Full professional proficiency)
- German (Limited working proficiency)
- French (Elementary proficiency)

REFERENCES

Adrian Perrig

Professor
Network Security
ETH Zürich

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📱 on request

Brian Trammell

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Site Reliability Engineering
Google

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Nick van der Meijs

Director of study in
Electrical Engineering
TU Delft

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📱 on request

November 19, 2019

Also available on <https://devae.re/cv>