

Name	van Schie, Sander	Date of Birth	21-06-1989
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## Work experience

- Apr. 2018 - present: **Senior Product Developer & Hardware engineer**  
**UL Identity Management & Security**, Leiden, the Netherlands  
In the beginning of 2018, the division name was changed and I started in a senior role. Engineering related tasks are as described below (see '15 - '18 period). Additional roles are: Chairman of Works Council ("Ondernemingsraad" in Dutch), Agile/Scrum team member, member of Social Committee and part of BHV team.
- Jan. 2015 - Apr. 2018: **Product Developer & Hardware engineer**  
**UL Transaction Security**, Leiden, the Netherlands  
Developing hardware and (embedded) software to enable (automated) testing of payment devices. Applications include EMV, NFC, eID and wireless payments. Tasks include: PCB design, programming in C, describing in VHDL and 3D printing.
- Sep. 2012 - Dec. 2014: **Electronics & software engineer**  
**Inventeers Hard- & Software Engineering**, Leiden, the Netherlands  
Electronics design (analog and embedded), software development and project management (making offers, in-depth customer and supplier verification and feedback). I was involved in all project phases, from first consultation with customers to making offers and from making a prototype to mass-producing finished products.
- Jan. 2010 - Dec. 2012: **Part-time electronics engineer**  
**Leiderdorp Instruments**, Leiderdorp, the Netherlands  
Engineering, soldering, assembling, calibrating and repairing a wide variety of electrical products. Developed a good understanding of the wide range of electrical components.
- Jun. 2005 - Aug. 2009: **Part-time shop assistant**  
**Halfords**, Leiderdorp, the Netherlands  
Customer facing role, checkout operation, assembling and repairing of bicycles and selling products.

## Education

- Sep. 2008 - Feb. 2013: **Bachelor Electrical Engineering**  
**The Hague University**, Delft, the Netherlands  
Thesis subject: Designing an intelligent gas-heater switchbox (thesis grade: 8).  
Main courses: math, analog electronics, embedded electronics, high voltage engineering and transistor technology. Minors: powerminor I&2, two minors on high voltage engineering, a collaboration between TenneT, the Hague University and HAN University.
- Sep. 2002 - Jun. 2008: **Higher General Secondary Education**  
**Marecollege**, Leiden, the Netherlands  
Profile: Nature & Technology or 'Natuur & Techniek'. Marecollege is a Waldorf school, at the time a HAVO diploma took 6 years. Extra-curricular activities: managed lights, sounds and visuals for plays, presentations and events.

## Internships

- Sep. 2012 - Jan. 2013: **Graduation Internship**  
**Inventeers**, Leiden, the Netherlands  
 Developed and built a new type of gas heater switchbox. The device has a thermostat function and many options for setting different time schedules. The user interface consists of a graphic LCD screen and a custom membrane button foil. Worked on electronics- and product design, project management and software development.
- Dec. 2010 - Feb. 2011: **Internship Electronics Department**  
**Leiden University, Electronics Department**, Leiden, the Netherlands  
 Developed a speed- and direction controllable piezo motor driver, used in scanning tunnelling microscopes; worked on analog circuit design.
- Sep. 2010 - Nov. 2010: **Internship Electronics**  
**Leiderdorp Instruments**, Leiderdorp, the Netherlands  
 Designed and built a handheld, rechargeable device with an intuitive user interface to measure temperatures. This device can transfer its data (via WiFi or GPRS) to Leiderdorp Instruments' webserver where customers can log in and view, plot or export the data.

## Extracurricular

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- Mar. 2013 - Nov. 2018: **Volunteer, Hobbyist**  
**Makerspace Leiden**, Leiden, the Netherlands  
 The Makerspace is a creation location where people with common interests (particularly in science) meet and collaborate on technical, digital and electronic design. Makerspace Leiden provides a unique way to share ideas, tools and knowledge.
- Sep. 2008 - Sep. 2013: **Volunteer, Board member, Team leader**  
**Van der Does Liethorp scouting**, Leiderdorp, the Netherlands  
 Member of the board, leader of a sea scouts subgroup and sailing instructor of children between 10 - 14. VaDeDo is the 2nd largest scouting group in South- Holland (200+ active youth members, ages 5 - 17). I have learned a lot about leading, coaching and motivating the youth members and my leadership team, as well as liaising with members' parents. Every summer holiday we organised a sailing camp for the children.
- Mar. 2007 - Jan. 2009: **Volunteer, Audiovisual Engineer**  
**Theatre group Hardt**, Leiden, the Netherlands.  
 Managed lights, sound and visuals for various theatre plays.

## Computer skills

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Microsoft Office:	Word, Excel, Publisher, Visio, Outlook, PowerPoint
PCB software:	Altium, Eagle, Ultiboard, Orcad
CAD software:	Inventor, Fusion 360
Programming:	C-language (intermediate), VHDL (intermediate), C++ (basic), Java (basic)

## Languages

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Dutch:	native speaker
English:	excellent
French:	basic
German:	basic

## Interests & Profile

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Sports	Sailing, diving, cycling
Interests	Friends, travelling, music, cooking, 3D-printing, cryptocurrency trading
Personal profile	Positive, ambitious, pro-active, creative, entrepreneurial, out-of-the-box, social