



# Mike Kriele

*Curriculum Vitae*  
Version April 10, 2016

## PERSONAL PROFILE

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Efficiency Driven, Innovation Driven, Result Driven, Team Driven, Quick Learner, Polite

## EDUCATION

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### Msc. Electrical Engineering

September 2014 - Present

*University of Twente*

A master in the field of Electrical Engineering with the specialization on Telecommunication Engineering Sciences (TE).

### Msc. Computer Science

September 2014 - Present

*University of Twente*

A master in the field of Computer Sciences with the specialization on Wireless Sensor Systems (WiSe).

### Pre-Master Electrical Engineering

September 2013 - April 2014

*University of Twente*

I have taken this pre-master as part of the minorspace within my Bachelors study.

### Bsc. Creative Technology

September 2011 - June 2014

*University of Twente*

I am trained as a designer with technical expertise and a sensitivity to social developments. I have worked on the cutting edge of high technology, while maintaining a clear human touch. I am a real asset to employers in the creative industry, new media, product design or communications.

## CERTIFICATES

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### Heterogeneous Parallel Programming

November 2012 - February 2013

*University of Illinois at Urbana-Champaign*

I passed the course with distinction - Grade: 10.

## WORK EXPERIENCE

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### Junior Telecommunications Engineer (Intern)

April 2016 - Present

*Curtin Institute of Radio Astronomy, Full-time*

Internship at the Curtin Institute of Radio Astronomy (CIRA) in Perth Australia. My task is to design, construct, and implement a filter for proper signal levels of their low-frequency Square Kilometer Array (SKA) antenna arrays. Another task is to fix an unknown signal ripple in a cable of the Murchison Widefield Array (MWA) system.

### Teaching Assistant

June 2013 - April 2016

*University of Twente, Part-time*

As a Teaching Assistant it is my task to take tasks out of hand of professors. This is done by means of grading assignments and overseeing tests and tutorial/practical sessions.

### **Student Assistant**

September 2012 - April 2015

*University of Twente, Part-time*

As a Student Assistant it is my task to assist professors. This is done by means assisting students during lectures, and answer questions if asked.

### **Treasurer**

December 2013 - December 2015

*Studenten Net Twente, Part-time*

Studenten Net Twente (SNT) is an association situated at the University of Twente. SNT provides internet, hosting and backup services for associations and students within the university, and also to some associations at other universities in the Netherlands. My task is to oversee the treasury department.

### **Instructor - Bicycle Light Workshop**

November 2014 - Februari 2015

*University of Twente, Part-time*

The bicycle light workshop is the initiative of the Twente Academy located at the University of Twente. The initiative has as goal to bring more overall interest to young students (high school) and show them what is possible with technology. As an instructor it was my goal to teach the high school students how to program their own bicycle lights, and the possibilities that come with it.

### **Merchandiser**

May 2008 - May 2011

*Action Non-Food B.V. Texel, Part-time*

Weekend and holiday job. Main focus was to restock merchandise, operate cash registers and assist customers in store.

## **SKILLS**

### **Languages**

| Language | Listening | Reading | Spoken Interaction | Spoken Production | Writing |
|----------|-----------|---------|--------------------|-------------------|---------|
| Dutch    | C2        | C2      | C2                 | C2                | C2      |
| English  | C2        | C2      | C2                 | C2                | C2      |
| German   | C1        | B2      | B2                 | B2                | B1      |

### **Hardware**

| Subject         | Beginner | Familiar | Advanced | Expert |
|-----------------|----------|----------|----------|--------|
| Prototyping     |          |          | X        |        |
| PCB Design      |          | X        |          |        |
| Lasercutting    |          |          | X        |        |
| 3D Printing     |          | X        |          |        |
| Designing       |          |          | X        |        |
| Conceptualizing |          | X        |          |        |

### **Software**

| Subject    | Beginner | Familiar | Advanced | Expert |
|------------|----------|----------|----------|--------|
| (My)SQL    |          |          | X        |        |
| C,C++      |          |          | X        |        |
| CSS(3)     |          |          | X        |        |
| HTML(5)    |          |          | X        |        |
| Java       |          | X        |          |        |
| Javascript |          |          | X        |        |
| PHP        |          | X        |          |        |

## REFERENCES

Available upon request