

# Wim Marynissen

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## EDUCATION

### KU LEUVEN

#### M.Sc. ELECTRICAL ENGINEERING

2011-2014 | Leuven, BE (Cum Laude)

#### Embedded systems and multimedia

- **Courses:** Real-time programming principles, Embedded Platform Architectures, Audio- and Speech Processing, Cryptography and Network Security, Measurement Systems, Mobile Networks, etc.
- **Extra courses:** Financial engineering, Optical ethernet for cloud computing

#### B.Sc. ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

2008-2011 | Leuven, BE

### SINT-RITACOLLEGE

#### ECONOMICS-MATHEMATICS

Grad. June 2008 | Belgium

## SKILLS

### CS LANGUAGES

**Compiled:** C(++) • Java

**Interpreted:** JavaScript • Python • TCL • Shell • PHP

**Scientific:** Matlab/Simulink • Maple

**Hardware:** Gezel • VHDL • Altium

### SOFTWARE

**Control/measurement:** Simulink • Labview

**Hardware:** Eagle • LTSpice • Altium

**Graphical:** Photoshop • Illustrator • SketchUp

**Environment:** Eclipse (/Kinetis) • Visual Studio (Code) • Vim

### LANGUAGES

**Dutch:** Mother tongue

**English:** Fluent

**French:** Secondary school level

**German:** Basic

### LEISURE

**Hobby:** electronics prototyping, 3D printing, web- and appdesign

**Volunteering:** Kazou youth movement leader, holidays for disabled youth

**Sports:** volleyball, running, badminton

## PERSONAL DATA

Address	Plantsoenstraat 2 2850 Boom	Birth date	30/07/1991
Nationality	Belgian	Place of birth	Reet
		Marital state	unmarried

## PROFILE AND AMBITION

My main interests in the technical universe are embedded systems / IOT, telecom and full-stack web development. My education and experience provide me with the necessary skillset for the development of software- and hardware applications related to these fields. I am eager to learn about new technologies and I enjoy working along with a team in an organised way, within a dynamic and challenging environment.



## EXPERIENCE

### RTLOC / CALLITRIX | SOFTWARE DEVELOPER / R&D

April 2019 – present | Antwerp, BE

- Mobile/web application development (Javascript, Vue, ...)
- Backend (server) development
- Website / SEO / e-commerce / social media
- Product innovation / R&D

### NOKIA (formerly Alcatel-Lucent) | QUALITY ASSURANCE ENGINEER

September 2014 – March 2019 | Antwerp, BE

- Gathering in-depth knowledge of new features for the 7x50 service router
- Writing (TCL, Python) and maintaining regression tests for these features
- Most features were situated in the Enhanced Subscriber Management (ESM) and Quality Of Service (QoS) part of the TCP/IP suite

### ATLAS COPCO | CALCULATIONS ENGINEER INTERN

July – August 2013 | Wilrijk, BE

- Implementation of a Simulink/Stateflow control model for compressors.
- Investigate fast testing methods such as Rapid Control Prototyping (RCP) and hardware-in-the-loop (HIL)
- Investigate the (dis)advantages compared to classical implementation methods.

### KU LEUVEN | ACADEMICAL PROJECTS

2008-2014 | Leuven, BE

- **Master's thesis:** Ultrasound-based detection of dehydration for Body Area Networks (BAN).
- **Projects:** Speech coding (MATLAB, C), Acoustic modem (MATLAB, C), Balancing robot (MATLAB Simulink, Altium), HW/SW co-design (C, Gezel), Mobile app (Android, Java), Digital TV app (Java)