

Mewen MICHEL

Computer science & embedded
systems engineer from the UTC

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Education

- 9/2012 - 2/2018 — **Computer Sciences Engineering Degree** (MSc equivalent)
Specialization in real time and embedded systems
Université de Technologie de Compiègne, France
- 2/2016 - 8/2016 — **"Language, Culture and Innovation for Entrepreneurship"** gap
semester at the UTSEUS, China. Innovation tools, project management and Mandarin.

Work experience

- 3/2018 - now — **Software developer:** lidar perception at Ibeo Automotive Systems, Hamburg, Germany
- develop dynamic object tracking software for possibly many Ibeo Next lidar sensor
 - research, test and implement algorithms for reliable 3D tracking
 - define and generate simulation data for specific tests
- 9/2017 - 2/2018 — **Engineer internship:** lidar perception at Ibeo Automotive Systems, Hamburg, Germany
- contributed to the dynamic object tracking software
 - researched, tested and implemented models for a non linear Kalman Filter
- 9/2015 - 2/2016 — **Engineer assistant internship:** C# developer at Ayonis Metrology, Louviers, France
- designed and prepared the piece of software of an innovative high precision 3D scanner
 - developed a 3D scanner simulator and some parts of the 3D scanner software
- 2/2014 — **International Volunteer:** WWOOFing in an art center, Gortahork, Ireland
- 2/2013 — **Worker Internship** in Bolloré, Plastic Films Division near Quimper, France
- prepared and handled material needed on the production line
- 2011 - 2013 — **Salesman:** summer job in a souvenir shop in Concarneau, France (*eight weeks every summer*)
- selling and contact with the client, replenishment of the shop

Technical proficiencies

Programming
C++, Python, JS, C#

Web
HTML, CSS, PHP, SQL

Computer mathematics
Scilab, Matlab/Octave/Simulink

Photography & design
Gimp, Inkscape, Photoshop, Illustrator

Activities

Involved in several associations including :

- Member of the robotic association of the university which participates in the French Robotic Cup.
- Volunteer coordinator in two 150,000€ student events.
- Head of IT supplies in a student service organization.
- Co-founder of a youth radio at the age of 15.

Languages

French
mother tongue

German
moderate - A2

English
fluent - C1

Breton
moderate

Spanish
good - B2

Mandarin
basic