



Charlier Maximilien

Master in
Computer
Science

📅 12 February 1992
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Professional experience

Printemps des Sciences, Student job 2017
The "Printemps des Sciences" is the biggest demonstration of scientific culture in Wallonie-Bruxelles. I have presented a localization system based on ultra wide band (a wireless technology) and the time of flight. This system was developed during ma thesis. I also presented some industrials usages of indoor localization and how work the GPS.

Numeca International, Internship 2016
Numeca Intl is one of the top industries active in the CFD (Computational Fluid Dynamics) field. My internship consisted in a comparison between Ogre3D and Qt3d, two 3D rendering libraries. During my stay, I developed a prototype for scientific visualization in Qt3D using C++ and the Qt framework. I also developed GLSL shaders.

UMONS, Student job 15-17
Student for the catering service and the restaurant of the University of Mons.

UMONS, Student Assistant 15-17
The main objective of a student assistant is to help teaching assistants during practical sessions. These practical sessions covered the development on a prototyping platform using assembly language (MIPS) and C. These practical sessions also introduced some concepts like Timer, Interrupt, and the use of a library.

UMONS, Student job 15-16
Welcoming participants to conferences of the Extension department of the University of Mons.

VDH Photo, Student job 15-16
Expert advisor at the Imaging Days a photo show for the VDH Photo stand.

BNB, Student job 2012
Maintenance service of the National Bank of Belgium.

BNB, Student job 2011
Responsible for the exchange of currency to the Central Cash Office of the National Bank of Belgium.

Education

2012 **Master in Computer Science**, University of Mons, Belgium - Obtained with great distinction

2011 Complementary year in mathematics,
2012 Athénée Royal of Mons 1

2004 Certificate of higher secondary education
2011 (CESS)

Skills

OOP: Python Java C++ Framework Qt

3D: Qt3D OpenGL GLSL

Procedural: C

WEB: PHP HTML5 CSS3 JavaScript

Databases: MySQL XML XSLT XQUERY

Operating System: Linux Windows Contiki

Version Control System: Git

Writing: LaTeX Office Suite

Photography: Photoshop Ligthroom

Other: Bash Android

Languages

French (Mother tongue)

English

Reading: Good

Writing: Scientific

Speaking: Simple

Dutch (Notions)

Hobbies

📷 Photography

★ Astronomy

🔧 DIY

!!! Programming

