

CURRICULUM VITAE

CIVIL ENGINEER

ELECTROMECHANICAL

MECHATRONIC

PERSONAL INFORMATION

Name	Cédric SIMON
Address	9, rue du Try-Martin, 1348 Louvain-La-Neuve
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Email	cedric_simon@hotmail.com
Nationality	Belgian
Date of birth	06/26/1979

Professional and Extra Curricular Experiences

• 2004	Private Lessons
Function	Math, Physics all levels
• 2003	Bedimo S.p.r.l
Function	supply management
• 2001	VIMEX A. C. NGO (Puerto Vallarta, Mexico)
Function	Protection of sea turtles

Education and training

• 1998-2005	Université Catholique de Louvain-La-Neuve (Belgium)
Description	Civil engineering degree - Electromechanical - Mechatronic
Grade	Distinction
• 1997-1998	Longmont High School (USA, CO)
Description	Senior year-World Education Program
Grade	High Distinction
• 1996-1997	Institut St-Dominique (Rome, Italy)
Description	Bachalaureat
Grade	Distinction

Accomplished Projects

• 2004-2005	Academic Report
Title	EEG Analysis for a brain-computer interface
Description	Classification of mental tasks, based on a joint timefrequency- space decorrelation, in which mental tasks are measured via electroencephalogram (EEG) signals
Grade	Distinction
Link	http://www.tele.ucl.ac.be/view-project.php?id=61
• 2003-2004	Mechatronic Project : Elme 22
Title	'Pacman'
Description	Conception and implementation of a Tennis Robot with Position Recognition by Team of four Members
Grade	Distinction
Link	http://www.lei.ucl.ac.be/elme22

Computer

• Software

Electronic: Matlab – Max Plus 2 – Quartus – Eagle – MpLab

Mechanic: Matlab – Mechanical Desktop – Autocad 2000

Office: Microsoft Office Word – Excel – FrontPage – PowerPoint – Visio

Multimedia: Adobe Photoshop – Dreamweaver – Fireworks – Flash MX – Latex

• Languages/OS

C – C++ – Pascal – Basic – Java – Javascript – HTML – Assembleur – DOS – Windows, Linux

• Implementation

Signal Treatment: Filtering – Edges Detection – Gradient Calculations – wavelet analysis – CSP – ICA – neuronal network classifiers

Java Implementation of a virtual cash point.

VHDL Implementation of an Algorithm for a position recognition system with lasers

Languages

• MOTHER TONGUE

French

• OTHER LANGUAGES

	Italian	English
Reading	<u>Base/Good/Excellent</u>	<u>Base/Good/Excellent</u>
Writing	<u>Base/Good/Excellent</u>	<u>Base/Good/Excellent</u>
Oral	<u>Base/Good/Excellent</u>	<u>Base/Good/Excellent</u>

Skills

Leadership

Creativity

Polyvalent

Fast Learning

Synthetical Mind

Interests

• Sport

Tennis – Swimming – Snowboarding – Volley Ball

• Hobbies

Juggling – Open Water Diving – Travelling – Reading – painting

• Music

Jembe – Guitar