

Tom Desair

Curriculum Vitae

 <http://www.tomdesair.com>



Simplicity is the ultimate sophistication. – Leonardo Da Vinci

Personal Information

Naam Tom Desair
Nationality Belgian
Birthday DD MMMM YYYY
Place of Birth City

Education

- 2011 – 2013 **Master of Science (MSc), Engineering: Computer Science, K.U.Leuven, Leuven, (Expected).**
Option: Software Engineering
- 2008 – 2011 **Bachelor of Science (BSc), Computer Science, UHasselt, Diepenbeek, *summa cum laude*.**
The theoretical computer science track
- 2007 – 2008 **First year Ingeniería de Sistemas, Universidad Privada del Norte, Trujillo, Perú.**
Exchange year in Peru with the organization AFS

Master's Thesis

Title *PaaS Portability of SaaS Applications*
Promotor Prof. Dr. Wouter Joosen
Mentor Dhr. Stefan Walraven
Description In my master's thesis I investigate methods for achieving portability of SaaS applications over different PaaS platforms in cloud computing. I try to apply the methods in different scenarios: single cloud migration, multi-cloud migration with static routing and multi-cloud migration with dynamic routing.

Bachelor's Thesis

Title *DNAQL Simulator*
Promotor Prof. Dr. Jan Van den Bussche
Mentor Dhr. Joris Gillis
Description In my bachelor's thesis I had to explain and summarize a theoretical data(base) model for DNA Computing and implement a virtual simulator for it's query language DNAQL.

Experience

Internship

August 2012 **Intern, AE nv/sa, Heverlee, Internship.**
My internship consisted of extending a Java library for smart cards (specifically for Belgian SIS cards) and developing a mobile web application to do time tracking using ASP.NET MVC 4, jQuery Mobile and Knockout JS.

Varia

- July 2012 **Head Camp Leader**, *Vakantiewerking*, Boutersem, Summer job.
I was responsible for coaching and training my fellow camp leaders and I had to take care of and play with the children.
- July 2011 – **Head Camp Leader**, *Vakantiewerking*, Boutersem, Summer job.
August 2011 (*see above*)
- July 2010 – **Head Camp Leader**, *Vakantiewerking*, Boutersem, Summer job.
August 2010 (*see above*)

Volunteer Experience

- Student Representative From September 2009 till June 2011 I was an active member of the student council of Hasselt University with education and ICT as my primary focal points. Since October 2011 I'm a student representative in the Educational Council of the Computer Sciences of the KU Leuven.
- Youth Work During the summer periods I volunteer at different youth camps with the organizations Crefi vzw and Vakantiewerking Boutersem

Languages

Dutch	Excellent	<i>native language</i>
English	Very good	
Spanish	Good	<i>from practical experience during my exchange year</i>
French	Moderate	

Software development skills

Programming languages	C, C++, Java, Prolog, Go, Scala	Design	Object Oriented Design, Attribute Driven Design, User Centered Design, Model Driven Architecture
Database technology	SQL, SQL/XML (XSD, XQuery)	Web	HTML, CSS, PHP, JavaScript, JSP
Cloud Computing	Google AppEngine, OpenShift	OS	Linux, Windows
Frameworks	Qt, JEE, Spring MVC, jQuery Mobile, Knockout JS	Varia	MS Office, \LaTeX , SVN, Mercurial, Maven, Git, Visual Paradigm UML

Personality

- Systematic
- Pragmatic and realistic
- Task-oriented and hard working
- Great dedication in a team
- Critical
- Preference for clear roles and procedures