



# Nicolas De Smyter

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## Personal information

Name Nicolas De Smyter  
Date of birth January 23<sup>th</sup>, 1990  
Place of birth Ghent, Belgium  
Nationality Belgian  
Address Kouter 21, 9810 Eke, Belgium - (area around Ghent)  
Telephone (+32) 499 26 21 05  
Licenses Driving license B, ICC Nautical license (ICM)  
Mail nicolasdesmyter@gmail.com

## Certificates

Apr '16 CMAS Scuba Instructor Level 2  
Oct '15 Scaled Agile Framework ScrumXP Practitioner  
Sep '14 Oracle Certified Professional, Java SE 7 Programmer II  
Mar '14 Oracle Certified Associate, Java SE 7 Programmer I

## Coursera

Apr '15 Coursera: Fundamentals of Management  
Apr '15 Coursera: Project Management: The Basics for Success

## Skills

Programming **Java**, JavaScript, TypeScript, C-family, Ruby (on Rails), .NET, Action-Script, Adobe Flash, Flex, PHP, NodeJS  
Web Angular 1, **Angular 2**, **HTML5**, **CSS**, OpenLayers, Polymer, WordPress  
Java Spring, Hibernate, junit, Swing  
Mobile **Android**, BlackBerry Cascades, BlackBerry Webworks  
Database **PostgreSQL**, MySQL, Oracle SQL  
Network Setting up computer networks (IPv4 and IPv6)  
Scripting **Unix** and Windows scripting

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Other  $\LaTeX$ , Hadoop, XML, **GIS**, Ansible, XSLT, VB for Applications (VBA), Semantic Web, Haskell, Prolog  
IDE **IntelliJ**, Netbeans, Visual Studio, Eclipse, Maple, Matlab  
Office Suite PowerPoint, Excel, Word, Access, Outlook, Visio

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## Experience

- Sep '13 - now **Project Technical Lead**, *DXC.technology*,  
Technical lead of the Java Development team, focused on GIS applications. A wide range of applications that have to be made, most of them based on GIS technologies. Some proof of concepts that use the most modern and advanced technologies.  
I started working here when the company was still called Hewlett Packard (HP). Later there was a split, and our team moved to Hewlett-Packard Enterprise (HPE). Later we moved again to CDS, a Hewlett-Packard Enterprise company.,  
Job function(s): **Developer**.  
Keywords: *Java, GIS, PostgreSQL, Hadoop, Hibernate, Wicket, Swing*
- Feb '12 - now **Android Developer**, *personal*,  
Starting from applications I would personally could use, and then develop and publish these apps to several App stores,  
Job function(s): **Designer, Analyst, Developer, Tester**.  
Keywords: *Java, Android, REST-API, MySQL*
- Oct '13 - **Java GIS Engineer**, *Vlaamse Overheid*,  
Nov '17 Creating a new and improved version of an existing ETL tool, so that it would allow this tool to handle more data. But also make it more customizable. This is an ongoing development, as always more is expected of the tool. I started from scratch to create this application. I was in charge of doing the technical analysis and doing the design of the parts of the applications. Afterwards also the development and testing of these specific new parts,  
Job function(s): **Functional & Technical analyst, Developer, Tester**.  
Keywords: *Java, Spring, PostgreSQL, PostGIS, junit, JavaScript, jQuery, Angular 1, Angular 2, Bootstrap, REST-API*

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## Education

- 2011 - 2013 EN: Master in Computer Science - Software Engineering at Ghent University  
NL: Burgerlijk ingenieur, Master in Computerwetenschappen - Software Engineering aan de Universiteit van Gent
- 2008 - 2012 Bachelor in Computer Science at Ghent University
- 2002 - 2008 Math and Science at Sint-Bernarduscollege Oudenaarde

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## Languages

- Dutch Mother tongue
- English Very good written and spoken
- French Second language, mediocre written and spoken
- German Basic knowledge written and spoken

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## Interests

- Diving Diving Instructor at Mantis Divers Club vzw
- Mobile Developing Android and BlackBerry applications for phones and tablets

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## Awards & directorship

- Dec '13 - now **Board member and equipment manager** (for scuba gear) at Mantis Divers club vzw. Also the web administrator since 2009.
- Feb '16 - now **Board member and web administrator** at OVOS. OVOS is the East-Flemish Association for Underwater Research and Sport ([ovos.be](http://ovos.be))
- 2013 **BlackBerry Developer Award** given to developers who contributed to make the start of BlackBerry 10 unforgettable
- 2011 - 2012 **Secretary and board member** of the students association ZeusWPI of Ghent University ([zeus.ugent.be](http://zeus.ugent.be)) (2011-2012)
- 2010 **Gouden Duikbril 2010** (EN: "Golden Dive Mask") Awarded by Mantis Divers Club vzw for my contributions to the club

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## Applications

- Toponiemen-beheer The "Toponiemenbeheer" application is used to manage toponyms (= a location on a map that has a specific name or meaning) at the Flemish Government. It is built using **Angular 2** in combination with **Polymer** in the frontend, in the backend there is a **NodeJS** server based on the **Strongloop** framework.
- Mister & Madame Mister and Madame are 2 applications that are used by the department "Maritieme Toegang" of the Flemish Government. The applications are tools to see their **geographical** information, but also to do some analysis on the data. The applications have been made in ExtJS, using a **Java** backend on top of a **PostgreSQL+PostGIS** database.
- Data-Engine The Data-Engine is an **ETLP** tool, built in Java to extract, transform, load and/or publish **GIS** data. By using a configuration website created using a **REST API** and **Angular 1**. In the backend technologies like **Spring** and **PostgreSQL** could be found.

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Getijdentabel This **Android** application shows the tides of the coast on several locations in Belgium and The Netherlands. It started out as a simple application that was only for personal use, but has grown to be a free tool that is currently used by a couple of thousand people.

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## Further Experience

- Feb - Mar '13 **Application tester**, *In The Pocket*,  
Part of a test group, to test newly built mobile Android and iOS applications,  
Job function(s): **Tester**.  
Keywords: *Java, Android, iOS*
- Jul - Sep '12 **.NET Developer**, *Xplore+*,  
Developing a monitor application CoRePublisher (more info: [ndsmyter.be/corepublisher](http://ndsmyter.be/corepublisher)) for Cognos Report files, which can move those files to SharePoint sites, FTP servers, Shared Folders and others,  
Job function(s): **Technical analysist, Developer**.  
Keywords: *.NET, Services, WSF*
- Jul - Aug '11 **.NET Developer**, *Xplore+*,  
Developing a monitor application CoRePublisher (more info: [ndsmyter.be/corepublisher](http://ndsmyter.be/corepublisher)) for Cognos Report files, which can move those files to SharePoint sites, FTP servers, Shared Folders and others,  
Job function(s): **Technical analysist, Developer**.  
Keywords: *.NET, Services, WSF*
- Jul '10 **Flex/Flash Developer**, *Summer of Code Ghent 2010*,  
Developing an application that makes it possible to query Semantic databases,  
Job function(s): **Developer**.  
Keywords: *Flash, Flex, Semantic Web, Ontologies, ActionScript*

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## Social media

Twitter @ndsmyter [twitter.com/ndsmyter](https://twitter.com/ndsmyter)  
LinkedIn [be.linkedin.com/in/ndsmyter](https://be.linkedin.com/in/ndsmyter)  
Google+ [plus.google.com/100683510490650445783](https://plus.google.com/100683510490650445783)  
Facebook [facebook.com/ndsmyter](https://facebook.com/ndsmyter)  
Foursquare [foursquare.com/ndsmyter](https://foursquare.com/ndsmyter)

Find the latest version of my CV on [ndsmyter.be/cv](http://ndsmyter.be/cv).

This version was last updated on Sunday 18<sup>th</sup> February, 2018 at 13:29.

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