

XAVIER GEERINCK

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EDUCATION

Master of Science in Information Engineering Technology University Ghent (Belgium, Ghent) Expected Graduation date: September 2017	2015 - 2017
Bachelor in Information Engineering Technology (Bridge Year) University Ghent (Belgium, Ghent)	2014 - 2017
Professional Bachelor in Applied Computer Science Karel De Grote Hogeschool (Belgium, Antwerp)	2011 - 2014

SKILLS AND INTERESTS

Skills	Cloud Architect, Web Engineering, Devops, Sysops
Future Vision	Product Owner
Platforms	Windows, Linux (Ubuntu, Fedora), Mac OS X

WORK EXPERIENCE

Microsoft <i>Cloud Solution Architect - Data Platform</i>	September 2017 - Present
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Helper <i>CTO</i> As the Head of technology @ Helper, my tasks were to create the Node.js Backend software system for the Minimum Viable Product. Find, contract and help an agency to create the initial frontend software. Finally maintain the different environments used for the staging and development purposes.	April 2017 - July 2017
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Cisco Systems <i>Thesis Intern</i> Thesis Title: An Architecture to predict, analyze and visualize resource usage in microservice deployments.	September 2016 - February 2017
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For my thesis, I partnered with Cisco whom provided me the best support I could ever wish for. Here I created a conceptual architecture that is able to predict, analyze and visualize resource usage in microservice deployments. Through this architecture, enterprises are able to detect when microservices have to be up- or downscaled through predictions, resulting in a higher up-time and more optimized server usage, thus decreasing the costs that are needed to run a microservice. This conceptual architecture was then implemented through a trivial linear regression trend detection algorithm, to demonstrate the modular and scalable design of the architecture.

KumulAid (www.kumulaid.com) <i>CTO & Co-Founder</i> After developing the MVP in a 4 weeks during summer job, I joined the team and am now the technical lead creating and managing anything technical related.	June 2015 - November 2016
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Nuage Networks from Nokia <i>Devops Intern</i> Researching the possibility of running a Cloudstack environment on top of a Cloudstack environment, by utilizing Docker containers. Creating a Proof Of Concept that demonstrates this setup, and refining this Proof Of Concept to utilize Open vSwitch for usage in a SDN environment. The public part of this work can be found as 4 major pull requests: https://github.com/thebillkidy/cloudstack-docker-compose .	February 2016 - March 2016
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Mobila

April 2014 - June 2014

Software Engineering Intern

Developed the natural language processor (NLP) that made interaction with clients possible without the need of human intervention. This through the creation of different modules (Question analyser, Grammar database, Spelling correction, Question to SQL converter, Getting the answer from the database and formulating an answer with Apache Velocity).

Appstrakt

July 2013 & September 2013

Web Development Intern

Created Proof of Concepts using Node.JS and PHP that allowed Appstrakt to gain new clients. Help developing the geaver.com product.

PROJECTS

Brewr (*www.brewr.io*):

April 2015 - February 2016

Development environment builder and manager, allows companies to manage the projects for developers and gets developers started within minutes instead of hours.

Feedient (*Featured on Lifehackers and Buffer, gained 15k users in a month*):

June 2014 - April 2015

Social media aggregated, get a simple overview of all your social media timelines Written in Node.JS and Zeus (Own frontend framework) available on Github : <https://github.com/Feedient/>

FusionCMS (*Over 250 paid customers, later sold for an undisclosed amount*):

March 2012 - March 2013

Content Management System for World Of Warcraft servers Written in PHP using CodeIgniter

ISF (*School project, in ASP.NET*): January 2013 - June 2013 **Raxplay** (*Gaming community, written in PHP using Symfony 2*): January 2013 - May 2013 **Nerdflow** (*Social network platform for developers, written in PHP and CI*): January 2012 - March 2012 **UnforgivenWoW** (*Web platform for world of warcraft server, written in PHP*): October 2010 - January 2014

LANGUAGES

Dutch (*Mother Tongue*) **English** (*C2*) **French** (*B1*) **German** (*A1*)

PORTFOLIO

LinkedIn <https://www.linkedin.com/in/xaviergeerinck>

GitHub <https://github.com/thebillkidy> (See Thesis, roadwork, Brewr, Feedient)

Portfolio <https://xaviergeerinck.com>

Blog <https://xaviergeerinck.com/blog>