XAVIER GEERINCK

Zandstraat 68 9170 Sint-Pauwels Belgium

+32 499 25 69 35 ◇ xavier.geerinck@gmail.com ◇ www.xaviergeerinck.com

EDUCATION

Master of Science in Information Engineering Technology   September 2015 - Present
University Ghent (Belgium, Ghent)
Expected Graduation date: February 2017

Bachelor in Information Engineering Technology (Bridge Year)   September 2014 - Present
University Ghent (Belgium, Ghent)

Professional Bachelor in Applied Computer Science   September 2011 - June 2014
Karel De Grote Hogeschool (Belgium, Antwerp)

SKILLS AND INTERESTS

Skills	Web Engineering, Devops
Interests	Devops, Production Engineer, Web Engineering
Design Software	Photoshop
Platforms	Windows, Linux (Ubuntu, Fedora), Mac OS X
Github Projects	https://github.com/thebillkidy/roadwork
	https://github.com/thebillkidy/Brewr-Site
	https://github.com/Feedient

WORK EXPERIENCE

Cisco Systems   September 2016 - February 2017
Thesis Intern
Thesis Title: An Architecture to predict, analyze and visualize resource usage in microservice deployments.

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)   June 2015 - Present
CTO & Co-Founder
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.

Nuage Networks from Nokia   February 2016 - March 2016
Devops Intern
In the 6 weeks of my internship, my task was to dockerize the cloudstack environment its components. The management server, the agent server and the MySQL database. After that I researched the possibility of running this setup on top of an instance which was spun op on this cloudstack environment (so cloudstack on top of cloudstack). After the main POC I then refined this to also use Open vSwitch so that it was able to be used in an SDN controlled environment. Part of my work can be found here as 4 major pull requests: https://github.com/thebillkidy/cloudstack-docker-compose.

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

PORTFOLIO

LinkedIn	https://www.linkedin.com/in/xaviergeerinck
GitHub	https://github.com/thebillkidy
Portfolio	https://xaviergeerinck.com
Blog	https://xaviergeerinck.com/blog