Benjamin MEZGER

PERSONAL DATA

NATIONALITY:	German & Dutch	23 March 1994
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WORK EXPERIENCE

Oct 2019
CURRENT

Back-end Python Dev at NOHS SOMOS (VOLUNTEERING), Florianópolis
Back-end Django Developer

Nohs Somos provides a social-cause platform where the LGBTQI+ community can rate and report local commearcial places which are safe or not for the LGBTQI+ community. It provides features such as panic button, and real-time GPS location sharing. The back-end has been developed PYTHON 3.7, DJANGO, DJANGO REST FRAMEWORK, POSTGRESQL and Heroku.

Oct 2018
CURRENT

Back-end Python Dev at CHEESECAKE LABS, Florianópolis
Back-end Django Developer

Providing solutions for the backend side of different clients using state of the art technologies such as PYTHON, NODEJS POSTGRESQL, DJANGO, AWS and DOCKER. Cheesecake Labs impacts more than ~39 million users worldwide.

Dec 2015
OCT 2018

Back-end Python Dev & DevOps at UNITED ACADEMICS, Amsterdam
Open Access Library

Provide a fully functional architecture, with a full continuous integration with the system. We use DJANGO as a Web Framework, MONGODB as our database and DOCKER for containerizing our software.

May 2017

APR 2018

Developer & Researcher at NATIONAL EDUCATION AND RESEARCH NETWORK (RNP), Florianópolis
Intern at GT-AMPTo (Multi-Factor Authentication for Everyone)

Developing a solution for multi-factor authentication that can be used on the CAFé federation besides allowing the transposition of such authentication through the physical Internet.

Apr 2017

JUN 2017

DevOps at NATIONAL EDUCATION AND RESEARCH NETWORK (RNP), Florianópolis
Volunteering Work for GidLab (Support for researchers on Identify Provider)

Researchers need virtual machines to do their research and my job is to provide an fully automated environment where a researcher can create a configurable environment that runs an SHIBBOLETH IdP, SP and LDAP.

Apr 2016

JUL 2017

Web Crawling Researcher & Python developer at 4VISION LAB, Florianópolis
Personal Data Web Crawler

Research different ways on how crawl user data through the Web by using face & pattern recognition.

Dec 2015

Researcher & AngularJS Developer at 4VISION LAB, Florianópolis

Jun 2016	*Smart Industrial Environment*
	Providing a Smart Industrial Environment with the Web of Things and Cloud Computing. We worked with a Beaglebone black which runs a Smart Gateway written in C++ and Java, the control panel interface was written in AngularJS
Aug 2015 Jan 2016	Researcher & C/C++ Developer at 4Vision Lab, Florianópolis *3D Cloth Flattening*
	Researching different cloth flattening algorithms using OpenGL and C++
Aug 2014 May 2015	Back-end Python & C developer at Byne, Florianópolis *WaspBee & Twisted developer*
	Developing communication, monitoring and control Software for critical systems. We used Twisted and ZeroMQ
Jun 2012 Nov 2013	Back-end Python & Perl developer at Imgzine, Amsterdam *Web Crawler developer*
	Writing smart Web crawlers and HTML parsers for gathering relevant news. The software estimates the time of change of a specific news page, so each time a website has a new article we are able to parse it and analyze relevant data.
Sept 2010 Mar 2011	Back-end Ruby on Rails developer at Yuru.nl, Amsterdam *Base system*
	A short period job where I helped my professor writing the back-end of Yuru.nl

Education

Current	Bachelor of Science in Computer Science, **University of Vale do Itajaí**, Florianópolis
Jul 2013	Technical degree in Information, **ROC van Amsterdam**, Amsterdam
Jul 2013	Volunteering student in Computer Science, **Vrije Universiteit van Amsterdam (VU)**, Amsterdam
Jul 2011	Middelbare School – HAVO/VWO, **Nova College**, Amsterdam

Publications and Presentations

Oct 2017 Journal	Providing a cloud-based smart meter solution to control and monitor electrical quantities of industrial machines, 2017, *International Conference on Wireless and Mobile Computing, Networking and Communications (WiMob).*
Mar 2017 Presentation	A beginner's introduction to Git and Github, for the Mozilla's Campus Club at the University of Vale do Itajaí.
Jun 2016 Journal	Providing a Smart Industrial Environment with the Web of Things and Cloud Computing, 2016, *IEEE International Conference on Services Computing (SCC).*
Jun 2016 Presentation	A quick introduction to Erlang (v18.3), at the University of Vale do Itajaí.
Aug 2015 Presentation	An introduction to the Cypherpunk world and low level code debugging, at the University of Vale do Itajaí.

Languages

English:	Fluent
Dutch:	Fluent
German:	Advanced
Portuguese:	Advanced
Spanish	Basic

Skills

Programming Languages:	C/C++, Python, Ruby, Assembly, Java, Bash/ZSH, AngularJS, Javascript, Erlang and LaTeX
Databases:	MongoDB, MySQL, PostgreSQL and SQLite
Operating Systems:	Linux (Archlinux, Debian, Gentoo), UNIX, MS Windows XP, Vista, 7, 10 and OSX
Applications:	HopperApp, Radare2, Strace, SysDig, GDB, OpenOffice and MS Office
Miscellaneous:	Vim, Emacs, Docker, Vagrant and Ansible, HTML and CSS

Interests and Activities

Musical:	Playing Guitar
Computer:	Interest in online privacy and surveillance, Kernel attacks, secure systems and cryptography
Other:	Politics, reading, culture, traveling and photography