

# Benjamin MEZGER

## PERSONAL DATA

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NATIONALITY: German & Dutch | 23 March 1994  
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GITHUB: <https://github.com/benmezger>

## WORK EXPERIENCE

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Current	DevOps & Researcher at NATIONAL EDUCATION AND RESEARCH NETWORK (RNP), Florianópolis
MAY 2017	<i>Intern at GT-AMPTo (Multi-Factor Authentication for Everyone)</i> 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.
Current	DevOps at NATIONAL EDUCATION AND RESEARCH NETWORK (RNP), Florianópolis
APR 2017	<i>Volunteering Work for GidLab (Support for researchers on Identify Provider)</i> 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.
Current	Web Crawling Researcher at 4VISION LAB, Florianópolis
APR 2016	<i>Personal Data Web Crawler</i> Research different ways on how crawl user data through the Web by using face & pattern recognition.
Current	Backend Python Dev & DevOps at UNITED ACADEMICS, Amsterdam
DEC 2015	<i>Open Access Library</i> 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.
Jun 2016 DEC 2015	Researcher & AngularJS Developer at 4VISION LAB, Florianópolis <i>Smart Industrial Environment</i> 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
Jan 2016 AUG 2015	Researcher & C/C++ Developer at 4VISION LAB, Florianópolis <i>3D Cloth Flattening</i> Researching different cloth flattening algorithms using OpenGL and C++
May 2015 AUG 2014	Backend Python & C developer at BYNE, Florianópolis <i>WaspBee &amp; Twisted developer</i> Developing communication, monitoring and control Software for critical systems. We used Twisted and ZeroMQ
Nov 2013 JUN 2012	Backend Python & Perl developer at IMGZINE, Amsterdam <i>Web Crawler developer</i>

	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 analyse relevant data.
Mar 2011 SEPT 2010	Backend Ruby on Rails developer at YURU.NL, Amsterdam <i>Base system</i> A short period job where I helped my professor writting the backend of Yuru.nl

## EDUCATION

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CURRENT	Bachelor of Science in COMPUTER SCIENCE, <b>University of Vale do Itajaí</b> , Florianópolis
JULY 2013	Technical degree in INFORMATICS, <b>ROC van Amsterdam</b> , Amsterdam
JULY 2013	Voluntering student in COMPUTER SCIENCE, <b>Vrije Universiteit van Amsterdam (VU)</b> , Amsterdam
JULY 2011	Middelbare School – HAVO/VWO, <b>Nova College</b> , Amsterdam

## PUBLICATIONS AND CERTIFICATES

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JUN. 2016	Providing a Smart Industrial Environment with the Web of Things and Cloud Computing, 2016, <i>IEEE International Conference on Services Computing (SCC)</i>
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## LANGUAGES

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ENGLISH:	Mother-tongue
DUTCH:	Mother-tongue
GERMAN:	Advanced
PORTUGUESE:	Advanced
SPANISH	Basic

## SKILLS

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<b>Programming Languages:</b>	C/C++, PYTHON, RUBY, ASSEMBLY, JAVA, BASH/ZSH, ANGULARJS, JAVASCRIPT, ERLANG and $\text{\LaTeX}$
<b>Databases:</b>	MONGODB, MYSQL and POSTGRESQL
<b>Operating Systems:</b>	LINUX (ARCHLINUX, DEBIAN, GENTOO, UNIX, MS Windows XP, Vista, 7, 10 and OSX
<b>Applications:</b>	HOPPERAPP, RADARE2, STRACE, SYSDBG, GDB, OpenOffice and MS Office
<b>Miscellaneous:</b>	VIM, EMACS, DOCKER, VAGRANT and ANSIBLE, HTML and CSS

## INTERESTS AND ACTIVITIES

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