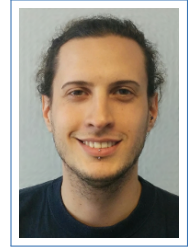# Julien Vaubourg

DevOps Engineer

XX, xxx Xxxxxx
XXXXX Xxxxx (France)
📱 +33X XX XX XX XX
✉ julien@vaubourg.com
🌐 ju.vg
⌨ jvaubourg

Education

2013 – 2017
Inria Grand Est, *PhD in Computer Science.*
PhD with Inria and EDF R&D – Université de Lorraine

2010 – 2013
Master of Science in Engineering, *TELECOM Nancy.*
Telecoms, Networks and Services – Université de Lorraine

2007 – 2010
BSc in System Network Administration, *With high honors.*
French DUT + Licence pro. – Universités de Lille / Reims / Lorraine

Languages — French (native), English (daily and business), German (learning)

Engineering

2017 – 2019 `net.` **Freelance**, *Network Engineer.*
Design and integration of network solutions for the digital opening-up of countryside castles

2017 – 2018 `dev.` `sys.` **Cheval-Ami**, *Full Stack Dev.*
Dev. frontend and backend for an online shop (PHP/MySQL, ProcessWire, Magento, etc)

2015 – 2019 `dev.` `sys.` **Choca.pics**, *System Admin.*
Community groupware (GNU/Linux, Zimbra, Bash, Backups, Encryption, etc)

2014 – 2019 `dev.` `sys.` `net.` **La Brique Internet**, *Full Stack Dev.*
Self-hosting solution (GNU/Linux, YunoHost, Bash, HTML/CSS, Native JS, jQuery, etc)

2013 – 2017 `dev.` `net.` **EDF R&D**, *Collaborator.*
Industrial proofs of concept (C++, Java)

2012 – 2013 `dev.` `net.` **BH Consulting**, *Student.*
Centralized auth. and backups on network devices (Cisco, SNMP, Radius, CakePHP, etc)

2011 – 2012 `net.` **Lothaire/Renater (ISP)**, *Intern.*
150-pages documentation about IPv6

2010 – 2017 `dev.` `sys.` `net.` **Lorraine Data Network (ISP)**, *Network Systems Admin.*
Non-profit ISP (GNU/Linux, Puppet, BGP, DNS, VPN, Git, Postfix/Dovecot, LAMP, Ganeti, DRBD, libvirt, monitoring, dealing with providers, communication, trainings, etc)

2009 – 2010 `sys.` **INPL**, *Intern.*
Deployment of a monitoring system for a network with thousands of equipments (GNU/Linux, Nagios, Centreon, NRPE, LDAP, etc)

2008 – 2009 `dev.` `net.` **CS One**, *Intern.*
Automatic generation of detailed network audit reports (GNU/Linux, Perl, RRD, PCAP, etc)

2007 – 2019 `dev.` `sys.` `net.` **On Free Time**, *A bit of everything.*
Free Softwares, projects, conferences and **more experience** available on `<ju.vg>`

Teaching

2014 – 2015 `dev.` **Inria**, *Teacher.*
Learning algorithms to 8-13 years old kids (Scratch, homemade makey-makey)

2014 – 2017 `dev.` `net.` **Inria**, *Lecturer.*
Scientific talks in USA, Spain, France (modeling and simulation of complex systems)

2013 – 2017 `dev.` `sys.` `net.` **Université de Lorraine**, *Teacher.*
From L1 to M2 (TCP/IP, Routing, GNU/Linux, DB, Algorithms, C, Python, etc)

2011 – 2017 `sys.` `net.` **FFDN (federation of ISPs)**, *Speaker.*
About privacy (*Nothing to Hide*), IPv6 (*IPv4 Intranet or IPv6 Internet*), how to make an ISP (*Internet Is Coming*) and technical workshops about self-hosting