

BRY Hervé

System and Network Engineer

33 years old, French, single, non smoker, holder of a driver license

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WORK EXPERIENCE

Feb. 2009-*now* **Web Operations Engineer at GeneaNet** (www.geneanet.org): Responsible conception and maintenance of the server farm (about 50 servers serving +2M visitors per month, +600GB of MySQL databases, +7TB Elasticsearch indices, +120TB of genealogical data). Two digit annual growth.

Feb.-July 2008 **Internship at AMEN** (www.amenworld.com): Development of a distributed, redundant system and network monitoring platform, in order to monitor hundreds of hosts and network equipments and thousands of services. As an independent entity, the platform is managed by WebServices, and is based on free software like Nagios, Munin and Cricket running on GNU/Linux.

SKILLS

- **System Administration:** apache, nginx, haproxy, keepalived, MySQL, Redis, memcached, Sphinx, Elasticsearch, OpenStack Swift, ZFS, exim, postfix, puppet, proftpd, pureftpd, bind, unbound, knot, nsd, zookeeper, Consul, Nomad, RabbitMQ...
- **Network Administration:** Cisco (CCNA), Arista, Juniper, VPN, sécurité, routage OSPF, BGP...
- **Monitoring:** Nagios, Shinken, Collectd, Graphite, rrdtool, SNMP, Logstash/Kibana...
- **Operating Systems:** GNU/Linux, Solaris, Windows (professional and server), DOS
- **Development:** C, C++, Java, Bash, Perl, Python, Assembly, Visual Basic (6/.Net), SQL, git
- **Web Development:** PHP, XHTML, CSS, JavaScript, AngularJS, VueJS, jQuery, XML
- **Virtualization:** Linux KVM, libvirt

LANGUAGES

- French: Mother tongue
- English: TOEIC **885**, Cambridge FCE **grade A**
- Spanish: 5 years

EDUCATION

2005-2008 **M.S. in Computer Science and Engineering**
ESEO (Ecole Supérieure d'Electronique de l'Ouest), Angers, France

2003-2005 **DUT GEII (equivalent to a Higher National Diploma in Electronics and Computer Science)**
Institut Universitaire de Technologie département GEII, Tours, France

OTHER EXPERIENCE

2008-*now* System administrator of APINC (noncommercial web services provider).
Once vice-president and secretary, finally president of the association.

2006-2007 Vice-president of the ESEO computer club.
Creation and administration of the shared Web hosting platform www.lci-hosting.net and its management software, based on free software running on GNU/Linux.

2002-2011 Creation and maintenance of a decryption and visualization software for *Webshots* picture files, as a result of a reverse engineering of the file format. The program is multilingual, *open-source*, and is downloaded about 3000 times a month on its website (uwc.apinc.org).

INTERESTS AND HOBBIES

Swing dances, photography, fine arts, reading.