

# Louis Vicainne

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18/09/1992. French. Driving licence, <http://louis.vicainne.fr>

## Engineer specialised in Networks and Systems

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### Experience

#### 2008 – 2014 : Work experience

##### 04/2014 – 07/2014 : Network internship, Atos Worldline (Brussels, BE)

In the International Network Core Services team, I built an interface between the monitoring tool PRTG and the database composed of the current network devices (PERL).

Building of an ILO network, Migration of a Infoblox DNS

##### 06/2012 – 02/2014 : System administrator in Collège Saint Joseph (Lille, FR)

Installation and administration of servers and workstations (Linux/Windows), 70 machines

Technical Monitoring and implementation of new tools (backup, remote access, canteen cards)

##### June 2012 : Worker internship for packing endive at Santelerg (Soyécourt, FR)

#### 2010 – 2014 : Relevant experience

##### 09/2013 – 04/2014 : Event coordinator, Scouts and Guides of France, (Lille, FR)

De Notre Mieux is an event which took place 4/5 April 2014 for 600 children near Lille.

Coordination of the different commissions (logistic, activities, communication)

##### 09/2010 – 10/2013 : Scout leader, Scouts and Guides of France, (Lille, FR)

Camp director & management of a team composed of 3 young adults to animate 20 teens

External communication (promoting scouting in schools, websites)

### Last completed projects *(other projects at <http://louis.vicainne.fr>)*

##### 11/2013 – 04/2014 : Building of a temporary Ground Station for the association Laïka ISEN.

Antennas and Remote control IP of rotors for antennas position (Raspberry Pi, Python, PCB)

##### 04/2012 – 12/2014 : BerryManager, a home automation solution

Control heating, cameras (Arduino, Bash, Symfony2, MySQL)

##### 05/2013 – 06/2013 : PrintISEN, 3D drawing with ultrasound

PCB, ST7 assembly, LabView

### Education & Qualifications

##### 09/2014 – 07/2015 : Erasmus+ student at Politecnico di Torino (Turin, IT)

Key modules: Computer System Security, Network Management & QoS, Database Management

##### 09/2010 – 07/2015 : Master Degree in Computer Science and Project Management at ISEN, Electronics and Digital Engineering School (Lille, FR)

Key modules: Project Management, Embedded systems, Object Programming, Signal Processing

##### 02/2012 : BAFA (Brevet d'Aptitude aux Fonctions d'Animation) Youth Leadership Certificate

##### 11/2011 : First Aid Certificate (PSC1) & European First Aid Certificate

##### 06/2010 : French Baccalaureate with honours specialized in Mathematics (equivalent to A-Levels)

##### 04/2010 : First Certificate in English of Cambridge (equivalent to B2)

### Language

French : Mother tongue

English : advanced

Spanish : school level

Italian : bases (A2 level)

### Other skills in Computer Science

- **Networking** (VLAN, OpenVPN, IPsec, Wireshark)
- **Linux** systems (Debian/CentOs), script (Bash, Perl)
- **Windows** Client (95-8.1) Server (2003 to 2012)
- **Services** (Apache, Nginx, SSH, Bind9, Ldap, Postfix, Samba)
- **Monitoring** (Fail2Ban, Nagios, Munin, Monit, Logwatch)
- **Virtualization** (VirtualBox, Hyper-V, VMware Player)
- **Deployment** (CloneZilla)
- **Programming** (C, C++, Java, VB, PHP5, Python) & UML2
- **Relational Databases** (MySQL, Ms Access)
- **Versioning** (Subversion, Git) & bug-tracker (Redmine)
- **Office** (LaTeX, Ms Office of which Ms Visio)

### Activities and interests

Scouting, Hiking, Video editing (+60.000 views YouTube)