

PHILIPPE PITTOLI

OBJECTIVES

I am currently a network computer science student (Master), and I am looking for a PhD, working on distributed systems, networking, security and free softwares.

EXPERIENCES

PERIOD	January 2015 — July 2015 (6 months)	
EMPLOYER	ICube , network team (Pierre DAVID)	Strasbourg, France
	Internship, C, C++ State of the art of security in sensor networks, implementation, and simplification of DTLS in sensor networks then design and implementation of the CASANS protocol, security layer of the CASAN communication protocol (domotique, Internet of Things).	
PERIOD	June 2014 — august 2014 (3 months)	
EMPLOYER	ICube , network team (Pascal MÉRINDOL)	Strasbourg, France
	Internship, Perl Synthesis of bulk measures in a semantic way. Measures were ICMP messages between several nodes in a big network to know where and when there were short failures, and how to reproduce them.	
PERIOD	February 2013 — July 2013 (6 months)	
EMPLOYER	ICube , network team (Pierre DAVID)	Strasbourg, France
	Internship, C, C++ Implementation of a protocol designed in the network team for smart sensors (domotique, Internet of Things).	

EDUCATION

PERIOD	September 2013 — July 2015 (current)	
TITLE	Master RISE (Network and embedded systems)	
UNIVERSITY	Université de Strasbourg	Strasbourg, France
PERIOD	September 2011 — July 2013	
TITLE	Bachelor degree with honours	
UNIVERSITY	Université de Strasbourg	Strasbourg, France

SKILLS

Programming languages	Perl, C, C++, Java, PHP, Shell (bash, ksh)
Networking	BGP (BIRD, Quagga), OSPF, NAT, RTP , (D)TLS 1.2, multicast, QoS (traffic shapping, rate limit) iptables, Packet Filter (pf)
Firewall	OpenMP, MPI
Parallelism	DNS (Bind9, Unbound, nsd), SMTP (Postfix)
Services	MySQL, PostgreSQL
BDD	Git, Vim, Redmine
Developpement tools	GNU/Linux, BSD (OpenBSD, FreeBSD)
OS	French, proficient in English
Languages	President of an associative ISP since 2012
Associative	based only on free (libre) softwares

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