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23 years old

IT Ph.D. Student, Engineer in Security and hobbyist X.org developer

Computer-science

- Languages
 - C/C++ / Qt
 - Latex & Beamer
 - Basic ASM PIC, VHDL & x86
 - Web-related languages
 - Java
- Operating Systems
 - Linux (Power User & Dev)
 - Windows 2000->7 (Dev)
 - Mac OS X(Basic usage, Dev)
- X.org – Nouveau/PSCNV
 - Power Management
 - Reverse engineering
- Other FLOSS Development
 - PPassKeeper
 - Arduide (Qt Arduino IDE)
 - Archinit (C++ init scripts)
 - Check <http://www.mupuf.org>
- Software Engineering
 - UML & Merise
- Packaging
 - Arch Linux & Gentoo

Security

- SELinux (writing policy modules)
- Security in wireless sensor networks
- Mandatory access control systems
- Safe password storage systems

Languages

- French: Home language
- English: Cambridge's CEA
 - Spoken fluently
 - 3 months in the UK
- Spanish: Basic, understood
- German: Beginner

Education

- 2011 –** Ph.D. Student at LaBRI (fr)
*Research on Autonomics, green IT, security.
ANR project: DIAFORUS*
- 2008 – 2011** ENSI de Bourges
*Security-specialised engineering school.
Speciality: Security of ubiquitous systems
Ranked 1st in the option*
- 2008** University of Central Lancashire
*Studied microprocessor-based systems
and image/speech processing. 3 months*
- 2006 – 2008** IUT d'informatique de Montpellier
*Gratuated with a computer science
diploma. Ranked 5th out of 150.*

Research-oriented internships

- 2011** LaBRI – University of Bordeaux 1 (FR)
6 months *Security in wireless sensor networks.
Work with researchers.*
- 2010** Spin-off Boken – SDS-Project (FR)
2 months *Automated SELinux policy-learning.
Work with researchers.*
- 2009** Spin-off Boken – SDS-Project (FR)
3 months *Coordinating Multiple Protections within
a Linux Desktop. Work with researchers.*
- 2008** ChiCI Group – UCLAN (UK)
3 months *Created a GUI-analyser using a gaze
tracking device. Work with researchers.*

Publications

- COLSEC 2010** *A Dynamic End-to-End Security for Coordinating
Multiple Protections within a Linux Desktop. Briffaut, Peres and Toinard.*
- RESCOM 2011** *Gestion de la réputation dans les réseaux de
Capteurs sans fil*
- GIIS 2011** *On optimizing energy consumption: An adaptative
authentication level in wireless sensor networks. Peres, Chalouf, Krief*

Management Skills

- Accounting
- Open-project management
- Guitarist in a band / played live
- FLOSS team-work (IRC/emails)
- Former president of
 - a robotics association
 - a computer science club

Personal Projects

NVIDIA *Development of a Linux FLOSS driver for nVidia GPUs.
Working mostly on Power Management.
URL: <http://nouveau.freedesktop.org/wiki/>*

ArduIDE *is an Integrated Development Environment for
the arduino open-source electronics prototyping platform.
URL: <http://arduide.mupuf.org>*

PPassKeeper *is a plugin-based cross-platform library that
intends to create a portable way to store sensitive information like
passwords into a safe place.
URL: <http://ppasskeeper.mupuf.org>*

Mupuf.org *Administration of an OVH dedicated server
providing emails, websites, project pages and versionning systems.
URL: <http://www.mupuf.org>*