

Steve Dodier-Lazaro

Computer science student

Curriculum Vitae

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I am a 22 years old comp. sci. research student, interested mostly in security and distributed computing, looking for open positions in these fields.

Interests and know-how

keywords: system security policies, distributed and parallel computing, machine learning

Security	Security Policies, Network Security, *NIX Security, Forensics, Intrusion Detection, Software Analysis, Model Checking, PKI, SELinux, Privacy on Networks
Distributed Systems & Networking	P2P Networks, Distributed Systems, Distributed Services, Parallel Computing, Network Programming, Network Administration
Programming	Extreme Programming, C, C++/Qt, Python, Ada, Java, ASM, CLisp, Prolog, UML/OCL
Computer Science	Embedded Systems, Statistical Machine Learning, Natural Language Processing, Theoretical Computer Science, HMI Ergonomics
Social Sciences	Economy, Sociology of organizations, Marketing, Computers and Internet French Law
Languages	French (native), English (CAE grade A), Spanish (fluent), Italian and Chinese (basic)

Past experiences

Fondazione Bruno Kessler - Trento, Italy summer 2011 - 2 months ref: Claudio Giuliano (claudio.giuliano@gmail.com)	Fine-grained Named Entity classification using kernel methods and SVM trained on a Wikipedia corpus
Faculty of Law of Bourges - France spring 2011 - 5 months	Part-time tutorship: prepared a group of students to taking french computer certificate C2I, and provided individual support
School Project: PIGA OS 2010/2011 - 7 months	Comparative study of SELinux and PIGA OS for the protection of a PDF reader in Linux
LIFO - Bourges, France summer 2010 - 3 months ref: Christian Toinard (christian.toinard@ensi-bourges.fr)	Developed a tool for modifying, visualizing and verifying the properties of security policies used in an application firewall, part of the PIGA-SYSTRANS suite
School Project: PIGA OS spring 2010 - 3 months	Enabled communication between different PIGA OS intrusion protection systems ; Web crawler generating regexs for outgoing links of a website ; Eclipse plugin for the PIGA security properties language

School Project: Synema winter 2009 – 5 months	Developed a plugin-based application for monitoring the security of an operating system using reports from various system and network security sensors
Opensource development summer 2009 – 6 months	Worked on the release of Xubuntu 9.10, mostly contributing code to improve user experience, fixing bugs ;Contributed to the release of the third version of the Exaile media player
School Project: RezTorrent spring 2009 – 5 months	Developed a BitTorrent command-line client for POSIX systems, using only the socket API
Wines World Tour – Montpellier, France spring 2008 – 3 months	Renovated the front-end website of a company specialized in the promotion of wine exporters, merged user databases, developed client communication tools

Education

INSA of Rennes, France currently	Master of Research in Computer Science major: networks and distributed systems minors: machine learning, large scale data indexing
ENSI of Bourges, France 2009-currently	Engineer studies in Computer Science and Security major: security of systems and networks minor: embedded systems
University of Montpellier II, France 2008-2009	Bachelor's Degree in Computer Science minor: peer-to-peer network modeling ranked 3rd out of 126 on fifth semester
IUT of Montpellier, France 2006-2008	Local 2-years diploma in Computer Science ranked 10th out of 100
Lycée Bréquigny, Rennes, France 2003-2006	French equivalent of A Level major: sciences for the engineer passed with 74/100