

Telecom Engineer - Core Networks and VoIP

Alexandre VILLOING

Né le : 13 juin 1984 à Paris XIV

Nationalité : Française

Email: villoing@gmail.com

21, boulevard du Lycée

92 170 Vanves, FRANCE

Tél : +33 6 76 38 60 64

PROFESSIONAL EXPERIENCE

- Since July 2007** **France Télécom : Backbone VoIP Engineer.**
Engineering of VoIP equipments on the international backbone network. Configuration of SBC (Session Border Controller) for the migration of the international voice platforms towards VoIP (SIP) technologies.
- April - June 2007** **CapGemini : Integration on a J2EE Project.**
Software integration for an application based on Java J2EE and Oracle technologies.
- Apr. 2006 - Mar. 2007** **AT&T Labs (USA): Detection and analysis of multimedia network traffic.**
I contributed to the development of a network sniffer for high-speed networks (Gigabit). In order to identify real-time traffic generated by multimedia applications such as Voice over IP, video streaming, instant messaging, p2p and others, in the North-American DSL market.
- Oct. 2005- Feb. 2006** **Skype traffic detection (with France Télécom R&D).**
Characterization of Skype traffic, in order to identify users and study the behaviour of the application on the network of the internet service provider.
- July - August 2005** **VINCI Construction S.I.: Implementation of strong authentication systems**
for mobile users. The aim was to get higher security for VPN connections. I led the project from the beginning to the end, looking at different products, testing them in the corporate network.
- July - August 2004** **VINCI Construction Société Informatique": Technical support.**

EDUCATION

- 2004 - 2006** **Graduated in October 2006 from "Ecole Nationale Supérieure des Télécommunications" (ENST) - Paris.**
Specialization at Eurecom Institute - Sophia-Antipolis.
Major: Security in communication systems.
- 2003 - 2004** **Student at "Ecole Nationale Supérieure des Télécommunications" - Paris.**
Majors: Communication Systems, Computer Science.
- 2001 - 2003** **"Classe préparatoire aux grandes écoles" at Lakanal - Sceaux.**
Majors: Advanced Mathematics and Physics
- June 2001** **Secondary School Graduation Diploma in Mathematics "Baccalauréat".**

SKILLS

Computer engineering

- **Networking:** IP networks, routing protocols, multimédia et VoIP protocols, SIP, p2p protocols.
- **Computer architecture and System Administration.**
- **Operating Systems:** Unix, Linux, Windows.
- **Programming languages:** C/C++, awk, Java, C#, Visual Basic, Matlab, Maple.
- **Web:** html, CSS, php, MySQL, JavaScript.

Languages

- **French:** Native.
- **English:** Bilingual.
- **German:** Basic knowledge.

OTHERS

Hobbies: Scuba Diving, Traveling, Programming.
Driving License: since July 2002.