

Aris ADAMANTIADIS

Born on 27th March 1984

Single

B Driver's license

12, Rue Sainte-Gertrude

1040 Etterbeek

0479 58 14 40

aris@badcode.be

Security analyst/developer

EDUCATION

2003 → 2008

Computer Science Master (Admitted to thesis) (Université Libre de Bruxelles)

1995 → 2003

Secondary school, option latin-math (Collège Saint-Vincent, Soignies)

EXPERIENCE

August 2008

Defcon CTF

Security Contest :

- ▷ **The Defcon is a worldwide known security convention held every year at Las Vegas.**
- ▷ **The Capture The Flag contest is a security game involving 8 teams from all around the world.**
- ▷ **The game's goal is to reverse-engineer running services on a server, find exploitable vulnerabilities, and exploit the other teams to gain points.**
- ▷ **Our team, "Les Routards", finished second of the contest.**

August 2007

ETNIC

Student job :

- ▷ **Research and evaluation of vulnerabilities in a large heterogeneous computer system (Windows, Linux, Cisco IOS).**
- ▷ **Writing of automatized proof-of-concept exploitation tools for vulnerabilities.**
- ▷ **Writing of a detailed report about the findings and different ways to resolve the issues.**

2006

UNIVERSITÉ LIBRE DE BRUXELLES

Student Job :

- ▷ **Installation and maintenance of about 50 workstations in a computer room dedicated to students.**
- ▷ **Configuration of workstations under Ubuntu GNU/Linux.**
- ▷ **Setting and deployment of VMWare Player on computers.**

July-August 2005

GOOGLE

Google Summer of Code :

- ▷ **Development of a secure file server based on SSH.**
- ▷ **System programming in C under linux.**
- ▷ **Implementation of the SFTP and SSH protocols.**
- ▷ **Writing of the server side of Libssh.**

August 2004

BANKSYS

Student job :

- ▷ **Installation, configuration and support of client computers (software and hardware)**

Since 2003

FREE SOFTWARE

Development of the Libssh project (<http://www.badcode.be/wiki/libssh:libssh>) :

- ▷ **System programming in C.**
- ▷ **Use of strong cryptography (RSA, DSA, AES, 3DES, HMAC, ...).**
- ▷ **Network and TCP/IP Programming.**
- ▷ **Real-world project : integrated in most linux distributions and hundreds of users.**

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COMPUTER COMPETENCES

Systems :

- ▷ Installation, configuration and administration of GNU/Linux : Apache, Tomcat, ...
- ▷ Daily use of GNU/Linux (Ubuntu).
- ▷ Knowledge Microsoft Windows 98/2000/XP.

Languages :

- ▷ Mastering : C, C++, Assembly (x86, amd64).
- ▷ Good knowledge : Java, Python.
- ▷ Knowledge : SQL, Pascal, HTML/CSS, PHP, LaTeX, XML/XSLT.

Other :

- ▷ Theoretical and practical cryptography : DES, AES, RSA, MD5, SSH, SSL, PGP, ...
- ▷ Secure programing, computer security : malware analysis, vulnerability hunting.
- ▷ Compilation theory.
- ▷ Security tools : IDA, Nessus, Nmap, Metasploit, ...

MISC

Languages :

- ▷ French : native speaker.
- ▷ English : Read, written, spoken.
- ▷ Greek : Basis.

Hobbies :

- ▷ Boy-scouts (O.N.E. agreed diploma, animation since 2002).
- ▷ Electronic (Microcontrollers).
- ▷ Music (Guitar and bass guitar in a group).