



Andrea Bruno

Curriculum Vitae

I'm a skilled developer with a really strong passion for Security and Cryptography. I'm also a discreet problem solver because in all context I try to find also non conventional solution to the problem I encounter.

Education

2006–2011 **M.Sc. in Computer Science**, *Università degli Studi di Salerno*, Salerno, 110/110 *cum laude* - *GDA:3.89*.

This study course was focused on Theoretical Computer Science studies, and in particular I focused my path on studying Algorithm Theory, Cryptography and Computer and Network Security

M.Sc. Thesis:

Title: *Privacy on Cloud Storage: a duplication based approach*

Supervisor: Prof. Giuseppe Persiano (<mailto:pino.persiano@unisa.it>)

Description: A study on how to grant privacy of personal data on Cloud Storage Services, with java-based implementation of our idea.

2001–2006 **B.Sc. in Computer Science**, *Università degli Studi di Salerno*, Salerno, 101/110.

This study course was focused on Computer Network with some low level study on Computer Security

B.Sc. Thesis:

Title: *Web Services Security*

Supervisor: Prof. Vincenzo Auletta (<mailto:auletta@unisa.it>)

Description: An analysis of the security in the field of web services generated by ApacheTM Axis and WSS4J

Experiences

May 2015–Present **Research Fellow**, *Università degli Studi di Salerno - Dipartimento di Informatica*, Fisciano (SA), Italy.

I'm a research fellow in the group of Professor Giuseppe Cattaneo, Actually I'm involved in the project CHIS with DATABENC and AIR-GID with Regione Campania (formerly ARSAN)

Via Fontanatetta 2/A – 83 100 Avellino (AV)

☎ +39 (089) 96 9313 • ✉ andbruno@unisa.it

🌐 <http://www.di.unisa.it/~abruno/>

- February 2014– **Project Manager and Analyst for software security**, Nilobit CZ s.r.o., Prague, Czech Republic.
- January 2015 Detailed achievements:
- Project Manager** I managed the project for customization, maintenance and new development of NiloAgent a software for accounting of selling agent.
 - Security analyst for NiloAgent** Analysis and improvement of NiloAgent web application security.
 - Analyst** Functional analysis at the customer for new installations of NiloAgent.
 - Customer Training** Training for our customers to use the software developed by Nilobit
- January 2013– **Analyst and Software Developer**, Nilobit CZ s.r.o., Prague, Czech Republic. Detailed achievements:
- January 2014
- NiloAgent evolutive maintenance** Management and development of new module in Classic ASP and MSSQL for the company core software NiloAgent.
 - Project Manager for PizzaLine Mobile** Coordination of the development team of an Android application that interfaces with a NiloPortal, eshop portal developed by Nilobit.
 - Project Manager for NiloPortalAgent Mobile** Coordination of the development team of an Android application that interfaces with a NiloPortalAgent, portal targeted at business agents linked to software NiloAgent.
 - Helpdesk and Customer service**
 - Customer Training** Training for our customers to use the software developed by Nilobit
- Septemeber 2012– **Helpdesk and Software Developer**, Nilobit CZ s.r.o., Prague, Czech Republic, Internship with Project Leonardo/Transynergy.
- January 2013 Detailed achievements:
- 2013 In the first phase of the internship I gradually became responsible for the helpdesk of the company, now I'm starting to work as a Software developer on the core software of the company, niloAgent and I'm also starting to develop some Android Application for niloCar, the newest software of the company.

Language Skills

- Italian Native language
- English Fluent
- French Basic
- Czech Basic

Language certification

- IELTS - 6.5 **May 26th 2012** *International English Language Testing - In dettaglio: Listening: 7.0 Reading: 7.0 Writing: 6.0 Speaking: 5.5*

Language school

- EF School London, 8/1 - 5/2 2012
Of English
- Ceco A1+ Società Dante Alighieri Praga, May/June 2013

Technical Skills

Operating System	Mac TM OSX, Linux, Windows TM , FreeBSD, OpenBSD, Solaris	Web languages	HTML, XHTML, PHP, JSP, Servlet, Javascript
Programming languages	Java TM , C, C++, Python, Perl, Objective C, C#, Visual Basic, ASP, .NET Framework	Office Suite	Microsoft TM Office, Libre Office, Quick Office, Documents to Go
Database	MSSQL, MySQL, PostgreSQL, SQLite		

References

P. Albano, A. Bruno, B. Carpentieri, A. Castiglione, A. Castiglione, F. Palmieri, R. Pizzolante, K. Yim, and I. You. Secure and distributed video surveillance via portable devices. *Journal of Ambient Intelligence and Humanized Computing*, pages 1–9, 2013.

P. Albano, A. Bruno, B. Carpentieri, A. Castiglione, A. Castiglione, F. Palmieri, R. Pizzolante, and I. You. A secure distributed video surveillance system based on portable devices. In Gerald Quirchmayr, Josef Basl, Ilsun You, Lida Xu, and Edgar Weippl, editors, *Multidisciplinary Research and Practice for Information Systems*, volume 7465 of *Lecture Notes in Computer Science*, pages 403–415. Springer Berlin Heidelberg, 2012.

Interests

- Scouting Over 20 years of experience Scouts taught me to work in small or large groups as participant or coordinator and to try unconventional solutions to problems, even when they seem to not be resolved at first glance.
- Photography I am a photography enthusiast, I like to catch the moments of my life then I want to preserve as long possible. And can see some examples on <http://portfolio.bruandwashere.net/>
- Traveling I have a great passion for travel, I like to see new places and discover the local customs, in fact, the opportunity to travel is something that I would love to find in a future work. I also like to write about my travels in a blog <http://www.bruandwashere.net/>

Volunteering

- 2006–20013 **Webmaster**, *AGESCI Comitato di Zona Hirpinia*, Avellino, Volunteering Job. Realization and management of a website for the local level of my scout association

- 2009–2012 **Webmaster**, *AGESCI Comitato Regionale Campania*, Naples, Volunteering and Job.
- 2016–Present Realization and managemt of a website for the regional level of my scout association. Detailed achievements:
- Realized website for the regional level:
 - Increased communication between regional associates;
 - Reduced the size of email sent almost daily by the Regional Comitee Secretary to all the associate (approximately 9000);
 - Realized a biweekly newsletter to reduce number of email sent;
 - Realized website for the International Scout and Guide Camp realized in my region during the summer 2011.

Privacy

I hereby authorize the use of my personal details solely for circulation within the company according to the Italian Legislative Decree n. 196/2003. Date March 23, 2016

Signature *Andrea Bruno*