

Dario Incalza

Student M.Sc Computer Science

contact

Groenstraat 22
Houthalen-Helchteren
Belgium

+32 (471) 593782

dario.incalza@gmail.com

LinkedIn

@h4oxer

languages

dutch mother tongue
english excellent
french & italian fluency

programming

♥ Android, Java, C
Python, PHP
CSS3 & HTML5, L^AT_EX

education

- 2013–2016 **Masters** of Engineering Science – Computer Science
Specialization : Development of Secure Software
KU Leuven, Leuven
- 2009–2015 **Bachelor** of Engineering Science
Specialization : Computer Science and Electrical Engineering
KU Leuven, Leuven

experience

- Oct. '15 - Present **GuardSquare NV** Heverlee, Belgium
Security Engineer
- Research and develop new techniques in mobile security.
 - Reverse Engineering and assessing Android applications.
 - Mobile security consultancy.
- Oct. '14-Sept. '15 **LSEC-Leaders in Security** Heverlee, Belgium
Application Security Engineering Analyst
- Manage and contribute to www.saasificationsecurity.org;
 - Research on possible ICT security issues regarding software development, migration, exploitation and management in a SaaS environment;
 - Working on use cases and solutions.
- June-August 2014 **intelliCard Solutions, AG** Rapperswil SG, Switzerland
Security Engineer Intern
Security analysis and penetration testing of a mobile banking library for secure communication on Android.
- July '13-'15 **VTK** Leuven, Belgium
IT Team
VTK is a student union for engineering students at KU Leuven
We support the union and our students in their every IT need.
Parts of the job are server management and development of an open source content management system.

experience

- Sept. 2013 **IMEC** Leuven, Belgium
Summer Python Developer
A test suite developed using Python. Exists of two applications.
BiasStress enables the user to perform stress tests on transistors.
BiasAnalyse enables the user to analyse the data.
- Sept. 2012 **IMEC** Leuven, Belgium
Summer Python Developer
Developed an analytical tool *SoPy*. Enables the user to handle and analyse data coming from organic solar cells measurements.

projects

- Nov. 2015 **The Big Android BBQ** Amsterdam, Netherlands
Conference Speaker
Reverse Engineering in Android: Countermeasures and Tools
- Sept. 2015 **Droidcon** Thessaloniki, Greece
Conference Speaker
Reverse Engineering in Android: Countermeasures and Tools
- ARES: Android Reverse Engineering Suite** Open-source Project
An open-source project which aims to create a reverse engineering tool for Android applications. Specific target audience are security researchers.
- Sept. 2014 **xda:devcon14** Manchester, UK
Conference Speaker
I gave a conference talk on Android security titled:
Android Security Overview and Safe Practices for Web-Based Android Applications.
Sources:
 - xda-developers.
 - Slides.

awards

- 2012 **Recognized Developer** XDA-Developers.com
Awarded to the developers that contributed coding efforts to the Android open source community.

interests

professional: android, mobile development, scientific software, computer security, consultancy

personal: music, running, reading, blogging

Internship Employer Evaluation

intelliCard Solutions AG, Untere Bahnhofstrasse 2, CH-8640 Rapperswil

(Employer)

DETAILS OF THE STUDENT

Name of the student:	Dario Incalza
Id number:	s0214630
Academic year:	2013/2014
Period of stay:	23/06/2014 – 22/08/2014
Sending institution:	Katholieke Universiteit Leuven

TOPIC OF THE INTERNSHIP PROGRAMME

Analysis of a secure communication library for mobile banking on the Android platform for potential security vulnerabilities (conceptual and implementation).

Upgrade an Android port of a well known cryptogaphy library to its latest version and identify and solve possible problem areas with changed APIs.

WORK PERFORMANCE AND OVERALL EVALUATION

Dario has a good understanding of the necessary security concepts, which were relevant to the project tasks. He dealt exceptionally well with the tremendous load of information which was given to him in the project training at intelliCard to get him started. Dario was working diligently and very self-reliant thereafter, coming up with creative solutions and approaches, requiring only very little guidance. He was, however, recognizing well when it was time to ask for support.

Dario's technical skills were certainly tested during his internship assignments. He showed a strong ability to make use of his existing expertise and combine it with freshly acquired knowledge to meet the demanding project goals in time and keep an eye on working results. Dario showed a strong will to exceed the expectations put in him and was able to set challenging goals while respecting project schedule limits.

It is no exaggeration to say that Dario more than exceeded our expectations. He had no problems meeting the envisioned goals and showed great interest in the field. It was a pleasure working with Dario as a productive, positive and pleasant team member.

I am very glad I was allowed to work with him for his internship project assignment, and would welcome him full time with our company if he so wished. He is a fine asset and recognizes his abilities.

A handwritten signature in black ink, appearing to read "Th. Weber".

Thomas Weber
Managing Director
intelliCard Solutions AG