

# Nicola Moretti

## IT Engineer

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**Date of Birth:** 16/12/1987



### Work Experience

2007-now

#### Freelance @ Web Agencies

Collaborations with many web agencies: SkyLineWeb-Solutions (skyline.ws), Logicweb S.r.l. (logicweb.it), Joiner & Tuft (joinerandtuft.com), e-GO (e-gostyle.it) etc. Working with them I had the opportunity to develop front-end/back-end interfaces or templates even for sites with an Alexa ranking < 2k.

2010-now

#### Startupper @ Innovation

I found or cofound startups, taking part in new and ambitious projects like KweekPeek, that transforms any mobile phone in a temporary webcam, TrustMyDoc, that allows client side document signing and Where's Up? (CTO), a social event community that is becoming popular in Italy.

2009-now

#### Concrete5 & CMS @ Open Source

I'm the official italian reference of Concrete5 CMS. I've built many c5 packages that are used by thousands of sites (extending security, social functionalities). I've also deployed packages for Opencart (paying systems) and Wordpress.

#### Researcher @ IT Security

I'm interested in website and general IT security. I've released many security advisories (eg. in <http://xssed.com/archive/author=hanicker/>) and tools. My last research about Random Number Generators mathematically demonstrated a way to gain amazing levels of randomness exploiting distributed systems.

### Education

2001-2006

**High School Diploma**  
**100/100**

Liceo Scientifico Messedaglia

2006-2009

**Laurea (B.Sc.Degree)**  
**Computer Engineering**  
**106/110**

University of Padova

2009-2012

**L. Magistrale (M.Sc.Degree)**  
**Computer Engineering**  
**110/110 cum laude**

University of Padova

### Main Skills

I develop web applications in **PHP** (many frameworks and CMS), **Javascript** (jQuery), **HTML+CSS**. Client-side I work with **Java** and **Bash**. I also deploy mobile software using **PhoneGap**. In my life I created a lot of tools to automate tasks, get things done easier and faster, scrape and analyze data, gather information (ML). I'm skilled with **server administration** (CentOS, Ubuntu, Debian servers). I also have good **teamworking skills**. Most of my current freelance work is related to **problem solving**.

### Info

Driving: Full clean Italian licence

Languages: Mother tongue Italian, Advanced English

### Activities / Interests

Sports: Enjoy skying and cycling

Other: Italian movies, Modern Literature

### Academic Publications

C. E. Palazzi O. Gaggi N. Moretti. *Ubiquitous Social Cams*. In Proceedings of the 21th IEEE International Conference on Computer Communications and Networks (ICCCN 2012), Munich, Germany, July 2012

N. Moretti P. Bertasi M. Bonazza E. Peserico. *PariSync: Clock Synchronization in P2P Networks*. IEEE International Symposium on Precision Clock Synchronization for Measurement, Control and Communication, 2009