

# LORENZO BREDA

## Full-Stack Web Developer

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## EXPERIENCE

Full stack web developer, PM

### TwoBeeSolution S.r.l.

December 2015 – Ongoing    Via Pietro Bembo 36a, 00168 Rome

- Designed and developed a collection softwares for rapid transit lines construction and management. The softwares are used for Rome Metro C, Copenhagen Cityringen, Aarhus Letbane and Riyadh Metro System.
- Designed and directed the development of a management system for professional orders and associations. The software interfaces with various Italian Public Administration APIs and systems.
- Other smaller projects in Laravel 5 and NodeJS, basic sysadmin tasks

Webmaster, tech support

### Istituto Don Calabria

April 2012 – December 2015    Via Giambattista Soria 13, 00167 Rome

- Institutional website design and management.
- Internal tech support

## EDUCATION

Scientific diploma

### LSS Evangelista Torricelli, Rome

September 2002 – July 2007

- Scientific-centred high school
- Won a stage at the National Institute for Nuclear Physics. Studied Monte Carlo FLUKA simulation package.

## OTHER EDUCATIONAL EXPERIENCES

I studied Physics at the Sapienza University of Rome between 2007 and 2010, with very good results in applied Computer Science (mainly C), applied Maths and Classical Physics.

I switched from Physics to Computer Science in 2010, with good results in Applied Mathematics, Computers Architecture, Object-Oriented Programming, Databases and Operating Systems. I also studied Data Structures and Functional Programming.

I left University due to an increased work load from my job.

## INTERESTS

I'm an embedded systems enthusiast, and I can design RaspberryPI and Arduino based applications.

I'm also a pretty good hobbyist photographer.

## MOST PROUD OF

**Italian PA obscure protocols decoding**  
I had to use a pretty long list of Italian Public Administration API protocols and data files, and I succeeded to decode their obscure documentation

## LANGUAGES

Italian    ●●●●●●  
English    ●●●●●●

## CODING

php    ●●●●●●  
Laravel    ●●●●●●  
CodeIgniter    ●●●●●●

JavaScript    ●●●●●●  
ES6    ●●●●●●  
NodeJS    ●●●●●●  
jQuery    ●●●●●●

HTML5    ●●●●●●  
CSS3    ●●●●●●  
Bootstrap    ●●●●●●

MySQL/MariaDB    ●●●●●●  
postgreSQL    ●●●●●●  
SQLite    ●●●●●●

C    ●●●●●●  
Java    ●●●●●●  
Python3    ●●●●●●

## OS & TECHS

## STRENGTHS

- SysAdmin skills
- Fast learner
- Good teacher