

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 subways all over the world (Rome, Milan, Naples, Copenhagen, Aarhus, Riyadh, Thessaloniki, Lima, Oslo).
- 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 7/8 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 ●●●●●●
Codelgniter ●●●●●●

javaScript ●●●●●●
ES6 ●●●●●●
NodeJS ●●●●●●
jQuery ●●●●●●

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

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

C ●●●●●●
Java ●●●●●●
Python3 ●●●●●●

OS & TECHS

GNU/Linux ●●●●●●
Windows ●●●●●●
MacOS ●●●●●●
git ●●●●●●
Docker ●●●●●●

STRENGTHS

SysAdmin skills Fast learner
Good teacher