



# Carmine Benedetto

## Computer Engineer

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### Web & Git

[carminebenedetto.net](http://carminebenedetto.net)  
[bitbucket.org/neoben](http://bitbucket.org/neoben)  
[github.com/neoben](https://github.com/neoben)  
[gitlab.com/u/neoben](https://gitlab.com/u/neoben)

## Experience

- 02/13 - Now **Embedded Software Engineer** [Fluidmesh Networks SRL, Pisa, Italy](#)  
Design and development of algorithms, solutions and high speed mobility schemes for Wireless Mesh Networks. Design and development of embedded software for Wireless Network devices. Design and development of system/network services and custom device driver protocols. Development and customization of device drivers. Web and Command Line UI implementation.
- 01/12 - Now **Co-Founder & Developer** [Icosaedro Solutions](#)  
Design and development of Web Solutions, Unix and GNU/Linux software, IoT Applications, Android and mobile Applications. Configuration and management of Linux-based Cloud Servers.
- 06/10 - 09/10 **Part-time collaboration** [Area Sistemi Informatici, Università di Pisa, Italy](#)  
Computer technical support. Problem solving related to hardware, software and Operating Systems. Management of the internal network.
- 12/09 - 06/10 **Project Manager and Webmaster** [D.I.D.A.G., Grassano \(MT\), Italy](#)  
Design, development and management of an e-commerce website on Joomla!1.5 CMS platform. SEO optimization.
- 10/08 - 11/08 **Internship** [Atitlan Engineering SRL, Pisa, Italy](#)  
Management and migration of servers. Development of web templates and interfaces. Management of SQL databases.

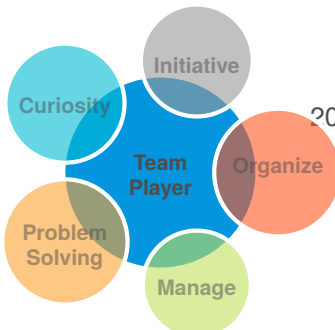
## Programming



## Education

- 2009 - 2012 **Master's Degree in Computer Engineering** [Università di Pisa, Italy](#)  
Curriculum Networking and Multimedia.  
Main subjects: Network Applications, Systems Architecture and Security, Mobile Applications, Multimedia Information Processing.  
*Title of the Thesis: "A Handoff Algorithm based on Link Quality Prediction for Mass Transit Wireless Mesh Networks"*.  
*Relators: Prof. Enzo Mingozzi, Ing. Carlo Vallati, Prof. Luciano Lenzini.*
- 2005 - 2009 **Bachelor's Degree in Computer Engineering** [Università di Pisa, Italy](#)  
Main subjects: Mathematics and Physics, Programming, Operational Research, Telecommunication Systems, Digital and Analogical Electronics.  
*Title of the Thesis: "Development, Management and Migrations of web contents and applications"*. (*Atitlan Engineering SRL internship*)
- 2000 - 2005 **Scientific Diploma** [Liceo Scientifico, Matera, Italy](#)  
Scientific Secondary School.  
Main subjects: Mathematics, Physics, Computer Science.

## Personal Skills



## OS Preference

GNU/Linux ★★★★★

Unix ★★★★★

MacOS ★★★★★

Windows ★★★★★

## Places Lived



## Languages

Italian ★★★★★

English ★★★★★

## Interests

Playing Basketball  
Playing Keyboards  
Vynil Records  
Riding Motorbike  
Skateboarding  
DIY Culture  
Street and Comic Art

## Publications

C. Vallati, E. Mingozzi, C. Benedetto

**Efficient Handoff Based on Link Quality Prediction for Video Streaming in Urban Transport Systems**

*Wireless Communications and Mobile Computing, 2016 (Journal)*

C. Benedetto, E. Mingozzi, C. Vallati

**A Handoff Algorithm based on Link Quality Prediction for Mass Transit Wireless Mesh Networks**

*Proceedings of the 18th IEEE Symposium on Computers and Communications (ISCC 2013), Split, Croatia, July 7-10, 2013 (International Conference)*

## Awards

10/2015

**Ecateo Beta: best web application**

[StartApp Toscana Contest](#)

Ecateo has been awarded as one of the the best apps for the StartApp Contest Toscana in 2015

## Certifications

02/2018

**Software Product Management**

[University of Alberta on Coursera](#)

*Reviews & Metrics for Software Improvements*

02/2013

**Intro to Computer Science**

[Udacity, E-learning](#)

*Build a Search Engine & a Social Network (Python)*

## Other Info

For the Italian job market:

*Si autorizza il trattamento delle informazioni contenute nel curriculum in conformità alle disposizioni previste dal d.lgs. 196/2003. Si dichiara altresì di essere consapevole che, in caso di dichiarazioni non veritiere, si è passibili di sanzioni penali ai sensi del DPR 445/00 oltre alla revoca dei benefici eventualmente percepiti.*

February 25th, 2018

Carmine Benedetto