



Carmine Benedetto

Computer Engineer

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Web & Git

carminebenedetto.net
bitbucket.org/neoben
github.com/neoben
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. Implementation of Web User Interfaces.
- 01/12 - Now **Co-Founder & Developer** [Icosaedro Solutions](#)
Design and development of Web Solutions, Unix and GNU/Linux software, 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 local 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".
Thesis activity carried out during an internship period at Atitlan Engineering SRL.
- 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 ★★★★★

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

02/2013

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.

April 22nd, 2017

Carmine Benedetto