

Pier Luigi Ventre

Curriculum Vitae

PERSONAL DETAILS

Name Pier Luigi Ventre
“whoami” Post-doc researcher at CNIT unit of the Univ. of Rome “Tor Vergata”
Interests SDN, NFV, Virtualization and IPv6 Segment Routing
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PRESENT

Post-doc researcher at Consorzio Nazionale Interuniversitario per le Telecomunicazioni (CNIT) unit of the University of Rome “Tor Vergata”. Doing research on Software Define Networking, Network Function Virtualization, Virtualization and IPv6 Segment Routing

WORK EXPERIENCE

Post-doc Researcher

05/2018 – present

CNIT - Rome, Italy

Working on GÉANT 4 Project-Phase 2 and doing research on Software Defined Networking. In particular, I have been involved in the development of the GÉANT BoD use case and in the Pilot activities.

Working on ROSE and doing research on IPv6 Segment Routing: SDN architecture and Southbound APIs, Service Function Chaining for legacy VNFs and performance evaluation of Linux kernel implementation

Software Engineering Contractor

01/2018 – 05/2018

ONF - Rome, Italy

I worked on ONOS, the open source SDN network operating system and on Trellis, the SDN based leaf-spine fabric. I have been involved also in QA activities, daily code-review and end-user support.

Researcher

03/2017 – 12/2017

CNIT - Rome, Italy

I worked on GÉANT 4 Project-Phase 2 and did research on Software Defined Networking. In particular, I have been involved in the development of the GÉANT SDX use case and in the Pilot activities.

Ph.D, Electronics Engineering

11/2014 – 04/2018

University of Rome “Tor Vergata” - Rome

I did research on Software Defined Networking , Wireless Software Defined Networking, OpenFlow, Network Function Virtualization, Virtualization, Information Centric Networking and Mobile/Pervasive Computing.

Visiting Research Scholar

08/2016 – 02/2017

ON.Lab - Menlo Park, San Francisco Bay Area, Stati Uniti

I worked on ONOS, the open source SDN network operating system, on ONOS Intent Framework and on Trellis, the SDN based leaf-spine fabric. I have been involved also in QA activities, daily code-review and end-user support.

Researcher

05/2016 – 07/2016

CNIT - Rome, Italy

I worked on GÉANT 4 Project-Phase 2 and did research on Software Defined Networking. In particular, I have been involved in the development of the GÉANT SDX use case and in the development of the Corsa devices driver for ONOS.

Assistant lecturer

04/2016 – 05/2016

University of Rome "Tor Vergata" - Rome

I Provided hand-on lessons on the Amazon Web Services and on Microsoft Azure for the course "Cloud and Mobile/Edge Cloud" in the context of the Master "Big Data for Business".

Researcher

09/2015 – 04/2016

CNIT - Rome, Italy

I worked on GÉANT 4 Project-Phase 1 and did research on Software Defined Networking. In particular, I have been involved in the development of the GÉANT SDX use case and in the testing and realization of PoCs.

Assistant lecturer

10/2015 – 01/2016

University of Rome "Tor Vergata" - Rome

I held the exercise lessons of the course "Networking and Internet Protocols 1" for the Master's degree in ICT and Internet Engineering.

Assistant lecturer

10/2014 – 01/2015

University of Rome "Tor Vergata" - Rome

I held the exercise lessons of the course "Tecnologie e Protocolli per Internet 1" for the Master's degree in "Ingegneria di Internet".

Researcher

09/2013 – 03/2015

GARR - Rome, Italy

I was one of the beneficiary of the scholarship "Orio Carlini", granted by the Italian NREN GARR, with a research project on Software Defined Networks. I have been involved in the Exotic OFELIA project and in the DREAMER project

PERSONAL SKILLS AND COMPETENCES

Languages

Italian (mother tongue), English (professional knowledge).

Organizational

Ability to organize own work independently, Setting priorities, Taking responsibilities, Meeting deadlines and goals, Ability to work in stressful situations, Excellent ability to work in groups, Good organizer and analyzer.

ADDITIONAL INFORMATION

References available upon request
Own car and Italian driving license
Willing to consider transfers