

# Europass Curriculum Vitae



## Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

Email(s)

Nationality(-ies)

Date of birth

Gender

Professional Goals

## Demrozi Florenc

Strada Ormedello,4 , 46048, Roverbella (Mantova)

(+39) 0458027048      Mobile: (+39) 3493438100

florenc.demrozi@univr.it

Albanian

27/05/1991

Male



Expand my knowledge in the field of modelling and verification of embedded systems working closely with highly qualified and culturally very rich professionals. Also expand my knowledge about relatively new topics such as Internet of Things (IoT), Ambient Intelligence and Artificial Intelligence finding an application of such research areas to the Embedded System Area.

## Education and training

October 2016 – September  
2019

*Ph.D. student in Computer Science*

University of Verona, Verona (IT), XXXII Ciclo (2016 – 2019)

Key research areas: *Design and Verification of Embedded System, Ambient Intelligence, IoT and Artificial Intelligence*

October 2013 – March 2016

Master Degree Computer Science and Engineering at University of Verona

Degree: *LM-32 - Master Degree Computer Science and Engineering*

Title of the thesis: *Automatic generation of self-adaptive TLM protocols from PSL assertions*

Supervisor: *Prof. Graziano Pravadelli*

Assistant Supervisor: *Dr. Francesco Stefanni*

Description: *Automatic generation of self-adaptive TLM protocols starting from PSL assertions. These assertions capture the communication protocol of an RTL target design. From these statements a self-adaptive intermediate module is automatically implemented that does not need to be regenerated if the initiator module involved in the communication is modified unlike the common transactors that are strictly dependent from initiator and target modules.*

Graduation date: *17/03/2016*

Grade: *110/110 cum laude*

October 2010 – March 2014

Bachelor Degree in Computer Science at University of Verona

Degree: *L-31 - Bachelor Degree in Computer Science*

Title of the thesis: *Graphical User Interface for TSL (TestBench Specification Language) Generators*

Supervisor: *Prof. Graziano Pravadelli*

Description: *Implementation of an human-machine interface for TSL (TestBench Specification Language). The application was written in C# using .NET framework all implemented with Visual Studio.*

Graduation date: 19/03/2014

Grade: 95/110

September 2005 – June 2010

Maturity at the State Industrial Technical Institute of Higher Education Carlo Anti

Title of the thesis: *Programming a PLC aimed at managing the traffic lights system of a road intersection*

Graduation date: 28/06/2010

Grade: 84/100

## Work experiences

October 2016 – June 2017

Teaching assistant

Managing the laboratory activities and projects

Course Name: Operating Systems

Coordinator: *Prof. Graziano Pravadelli*

Disciplinary sector: ING-INF/05 - Information Processing Systems

Language of instruction: Italian

Department of Computer Science, University of Verona, Verona (IT)

April 2016 – September 2016

Scholarship Holder

Supervisor: *Dr. Matteo Cristani*

Activity: Design of an architecture based on IoT devices (e.g., Single Board Computer (SBC), Single Board Micro-controller (SBM)) aiming to facilitate the controllability and observability of industrial plants from a remote web-app application. Specifically, we defined an approach to implement the control strategy of industrial plants through Extended Finite State Machines (EFSMs).

Department of Computer Science, University of Verona, Verona (IT)

Occasionally

Salesman during electronic fairs, at modelism stand.

July 2010 – October 2013

Apprentice Pontatore at Pontek, Srl

Via Capezzagna Storta, 16/1 46048 ROVERBELLA - Mantova (ITALIA) - Tel +39 0376 693693

October 2012 – March 2013

200 hours internship at University of Verona.

Description: Implementation of an human-machine interface for an testbench generator based on constraints. During this internship I was placed in a work environment and in touch with IT professionals. The application on which I worked, was written in C# using .NET framework, all implemented with Visual Studio.

July 2009 – October 2009

Ordinary worker, warehouseman. at Pontek, Srl

Via Capezzagna Storta, 16/1 46048 ROVERBELLA - Mantova (ITALIA) - Tel +39 0376 693693

May 2009 – June 2009

160 hours intership at Macrì Electrical Systems of Macrì Raffaele

VIA CARLO POMA, 27 F, VILLAFRANCA DI VERONA, VERONA - Tel. +39 045 637 0913

July 2008 – September 2008

Agricultural, temporary worker at Azienda Agricola Saccardi

Via Piave. 175 - 46048 Malavicina - Mantova (Italia)- Tel.+39 0376 696052

March 2008

160 hours intership at Ogheri Electricians/Vinicio

Via Piave, 177 - 46048 Roverbella - Mantova (Italia) - Tel.+39 0376 696830

July 2007 – September 2007

Agricultural, temporary worker at Azienda Agricola Saccardi  
Via Piave. 175 - 46048 Malavicina - Mantova (Italia)- Tel.+39 0376 696052

July 2007 – September 2007

Agricultural, temporary worker at Azienda Agricola Biologica Pietropoli  
Strada Quistello, 23 - 46048 Roverbella - Mantova (Italia) - Tel. +39 0376 696127

July 2006 – September 2006

Agricultural, temporary worker at Azienda Agricola Biologica Pietropoli  
Strada Quistello, 23 - 46048 Roverbella - Mantova (Italia) - Tel. +39 0376 696127

## Publications

Authors  
Title  
Conference

F. Stefanni, F. Demrozi, G. Pravadelli  
Automatic generation of self-adaptive TLM protocols from PSL assertions  
Forum on Specification and Design Languages  
Dresden 14-16 September 2016, pp. 1-7

## Personal skills and competences

Technical Skills

- Operating Systems: Linux (Debian/Ubuntu/RedHat) Distributions, Windows
- Tools: Microsoft Office, Libre Office, Visual Studio
- Programming and Markup Languages: C, C++, C#, Java, HDL languages, Bash,  $\LaTeX$ , PHP, SQL, HTML, XHTML, CSS, Javascript

Mother tongue(s)

**Albanian, Italian**

Other Languages

English

*Self-assessment  
European level<sup>(\*)</sup>*

| Understanding       |                     | Speaking            |                     | Writing             |                     |
|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Listening           | Reading             | Spoken interaction  | Spoken production   |                     |                     |
| B2 Independent user | B2 Independent user | B2 Independent user | B2 Independent user | B2 Independent user | B2 Independent user |

<sup>(\*)</sup> Common European Framework of Reference (CEF) level

**English**

Driver License

B

## Informations

Personal Skills

- Accurate, Adaptable, Ambitious, Attentive
- Confident, Cooperative, Determined
- Energetic, Enterprising, Hardworking
- Honest, Independent, Motivated
- Organized, Responsible, Versatile

**Personal interests**

Music, Chess, Sport(Soccer), Swimming, History, Geography