europass Curriculum Vitae

PERSONAL INFORMATION

Nicola Latella

Pavia, Italia

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niclat.github.io

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Sex Male | Date of birth 01/06/1993 | Nationality Italian

STUDIES APPLIED FOR

Computer Engineer

WORK EXPERIENCE

from October 2014 to July 2016

Academic Tutor

Career Service, University of Pavia

- Programming laboratory lessons about C programming language

Business or sector Teaching

June 2011

Software developer

Gruppo Sinergico SRL , Via Giosuè Carducci, 21A, I-46041, Asola (MN)

- Software develop in .NET and MySQL

Business or sector Develop and informatics consulting

EDUCATION AND TRAINING

from September 2016

Exchange student: Master's degree in Computer Engineering

Paderborn University, Department of Computer Science, Pohlweg 47, 33098 Paderborn

from September 2015

Master's degree in Computer Engineering: Computer Science and Multimedia

University of Pavia, Industrial and Information engineering department, via Ferrata 5, 27100 Pavia

from September 2012 to July 2015

Bachelor's degree in Electronic and Computer Engineering

University of Pavia, Industrial and Information engineering department, via Ferrata 5, 27100 Pavia

Thesis title: Monitoring and analysis of refrigerators

Abstract: The objective of the work is to analyse the behaviour of refrigerators in every different moment of their activity and to extract parameters to describe their electric charges, in order to apply scheduling algorithms.
At the beginning was created a monitoring system and it has been installed on a real industrial system of refrigerators using embedded boards like raspberry pi.
The developed software, which is always running, samples temperatures in different parts of the refrigerators and periodically sends them to a central server. It will be possible to add other kinds of sensors like humidity or current absorption.
Later the captured data has been analysed in a qualitative way to find critical issues, and also statistically in order to describe and represent refrigerators behaviour. The final result were the general parameters to use real-time scheduling algorithms for electric charges.

Relator: Tullio Facchinetti; Correlators: Guido Benetti, Davide Caprino

Grade: 105/110

from September 2007 to July

Industrial Technical Institute Diploma - Computer Specialist

2012 IS “Enrico Fermi”, Strada Spolverina 5, I-46100 Mantova, Italy

Final project title: Big Brother

Description: Creation of a rover, with a camera onboard, wireless controlled from a PC.

Grade: 79/100

PERSONAL SKILLS

Mother tongue(s): Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
German	B1	B1	B1	B1	B1
Spanish	B1	A2	A1	A1	A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

Good communication and versatility in multicultural situations, gained in non-work experiences abroad.

Organisational / managerial skills

High organisational skills through to my structured character, projects done at school, at university or as a volunteer

Job-related skills

Deep academical knowledge of the C programming language.
Good experience in Java programming due to academic projects.
Self-taught basic knowledge of Python.
Some experience in web developing using PHP, MySQL, HTML, CSS.
C++ knowledge gained at high school.
Experience in the use of many Integrated development environments (IDEs)
Team work and agile methodologies earned in an intensive course held by 7Pixel S.r.l.
Experience in Linux.
Practical experience in Design Patterns and software engineering techniques.

Computer skills

Good command of Microsoft Office and Libre Office suite tools.

Driving licence

European B and A2 license

ADDITIONAL INFORMATION

Projects

- Big Brother
  High school final project, developed in the first semester 2012
  Creation of a robot controlled by a pc.
- XP Team Tools
  University project created in the first semester of 2015
  Collection of instruments useful for a agile development team.
- Monitoring and analysis of refrigerators
  Thesis project for the bachelor degree, realised in the robotics laboratory, industrial and information engineering department, University of Pavia.