

Europass Curriculum Vitae



Personal information

Surname(s) / First name(s) **Musumeci, Carmelo Mirko**
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Email(s) cm.musumeci@criluge.net
Nationality(-ies) Italian
Date of birth 20.11.1984
Gender Male

Occupational field **Agile Software Engineer**

Work experience

Dates	May 2016 onwards
Work Experience	Enthusiastic Python & Django REST API developer @ KPN
Main activities and responsibilities	Design, development, deployment and maintenance of REST API in a microservice architecture
Name and address of employer	KPN, Teleportboulevard 121, 1043 EJ Amsterdam, Netherlands
Website	www.kpn.com
Type of business or sector	Telecommunications
Dates	June 2012 - April 2016
Work experience	Software Engineer @ European Patent Office (Netherlands)
Main activities and responsibilities	Designer, developer and maintainer of web applications used by EPO examiners.
Name and address of employer	Byte-Code S.r.l. for European Patent Office - Via Mauro Macchi 38, 20124, Milan, Italy
Website	www.byte-code.com
Type of business or sector	Patents
Dates	April 2011 - June 2012
Work experience	Software Engineer @ Vodafone Italia
Main activities and responsibilities	Designer, developer and maintainer of ETL processes feeding a strategic reporting platform used by VF call center team leaders
Name and address of employer	Reply S.p.a for Vodafone Italia - Via Castellanza 11, 20151, Milan, Italy
Website	www.vodafone.it
Type of business or sector	Telecommunications
Dates	March 2007 - September 2007
Work experience	Internship @ MTI S.r.l. (Multimedia Technologies Institute)
Main activities and responsibilities	Design and development of ambient intelligence applications with heterogeneous biometric sensors (such as AKCP and Crossbow Micaz Motes) thanks to a specialized middleware written in C
Name and address of employer	MTI S.r.l. - Via Giacomo Leopardi 41, 95127, Catania, Italy
Type of business or sector	Telecommunications

Education and training

Dates	October 2016
Title of qualification awarded	Advanced Python Workshop @ PyCon 2016 Ireland
Name and type of organization providing education and training	Python Academy
Dates	November 2014
Title of qualification awarded	M101P: MongoDB for Developers
Name and type of organization providing education and training	MongoDB, Inc.
Dates	October 2011
Title of qualification awarded	Master in Computer Systems Engineering
Grade	110/110
Thesis title	Hardening and performance tuning of ETL processes for a telco reporting platform
Principal subjects/occupational skills covered	Advanced math optimization models, information systems, business process management, process and software quality management, management and strategic support systems, information technology for business management, computational intelligence, information and knowledge management, computer network services and applications, enterprise information systems, e-commerce technologies
Name and type of organization providing education and training	University of Pisa
Dates	April 2008
Title of qualification awarded	Bachelor in Computer Engineering
Grade	105/110
Thesis title	Design and development of a middleware for sensors management into Ambient Intelligence applications
Principal subjects/occupational skills covered	Operative systems, computer networks, computer architecture, assembler, C, Java and web programming, fundamentals of databases, fundamentals of telecommunications, fundamentals of automation, software engineering, electrotechnics, analog and digital electronics, enterprise economics
Name and type of organization providing education and training	University of Catania
Dates	July 2003
Title of qualification awarded	High school diploma, computer specialization
Grade	97/100
Name and type of organization providing education and training	Istituto Tecnico Industriale "Guglielmo Marconi", Catania

Personal skills and competences

Mother tongue(s)

*Self-assessment
European level^(*)*

English

Dutch

Italian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user

^(*) Common European Framework of Reference (CEF) level

Social skills and competences

Thanks to the experiences achieved during my professional career, and in particular to the implementation of a conspicuous number of IT projects carried out with colleagues, I acquired very good skills in relating to a working team. In addition, I also got used to cooperate in multicultural contexts, thanks to the international working environment at both KPN and European Patent Office.

Technical skills

I have a strong background in back-end agile software design, development and deployment in various programming languages and web frameworks. I'm also experienced in system administration, especially on GNU/Linux systems, which I am a proud supporter.

Keeping myself open to learn new technology stacks, my current stack of development is composed by:

- Python 2.7 and 3.x
- Django and Django REST Framework
- PostgreSQL, MySQL
- GIT
- CI/CD with Jenkins and BitBucket pipelines
- AWS Deployment with Elastic Beanstalk
- Monitoring with InfluxDB/ElasticSearch and Grafana
- Nginx, Memcached, Redis

In my previous employments I also worked and got familiar with:

Groovy and Grails, Maven, SVN, Tomcat, Hibernate, Oracle, DB2.
JAVA and JEE, Apache Camel, Struts, Glassfish, JBoss;
SonarQube, Cobertura;

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