Europass
Curriculum Vitae

Personal information

Surname(s) / First name(s)	**Dario Bertini**
Address(es)	Via Mattioli 17, Bergamo, 24129 Italy IT
Telephone(s)	+393400995318
Email(s)	berdario@gmail.com
Nationality(-ies)	Italian
Date of birth	10/09/1987
Gender	Male

Education and training

September 2006 - March 2010
Principal subjects covered

Bachelor Degree in Computer Engineering

Subjects: Maths, Physics, Chemistry, Economics, Thermodynamics, Electronics, C++ and Java programming courses, Databases, Computer networks, Internet protocols, Operating systems, Industrial automation

Thesis Work: Adaptation of a georeferentiation search application for a client-server architecture

Name of organisation providing education and training

Università degli Studi di Bergamo

September 2009 - ...

Enrolled for a Master course in Computer Engineering at Università degli Studi di Bergamo

Subjects: Theoretical computer science, Programming languages concepts, Network security, Languages and compilers, Information theory, Project Management, Transmission theory, Telecommunication networks, Computer graphic, Artificial Intelligence, Information Retrieval, Stochastic Models, Model identification and data analysis.

September 2010 – January 2011

Erasmus study period in Computer Science at University of Southern Denmark

Subjects: String Algorithms, Programming Languages, Cloud Computing, Advanced Data Structures, Online Algorithms, Combinatorial Optimization

Personal skills and competences

Programming Languages

Python: quite proficient, I used it for scripting, heavy computation, web development, dealing with binary formats, wrapping native libraries with ctypes, sketching out some proof of concept gui, I also looked at the internal details of some Python implementations and realized a rewrite of virtualenvwrapper: a tool for managing developer environments

Java: Used for most of the university assignments, mainly involving inxeding of documents or other server side tasks

C: I can read and work on most projects that make use of it but I never directly used it for huge projects

Clojure: I picked it up recently, and used it to solve small problems with logic programming (https://code.launchpad.net/~berdario/regexp-unfolder/trunk)

Ruby: When I stumbled upon some missing features, I tried to contribute them upstream (e.g.http://git.io/W7e-9w http://git.io/dgUxlg)

Vala, Haskell, F#, Javascript, Scala: All of these last languages have been used for personal interest and for solving university assignments with a different language than usual, I can make use of external libraries and can understand most of the semantic of those languages, I'm able to test snippets in their respective repl), I'm also willing to learn quickly any new language that it might arise the need for.

Software Tools and Libraries	DVCS (Bazaar, Mercurial, Git, Darcs), Continuous Integration (Jenkins), Package/Dependencies Manager/Build Systems (pip/setuptools, redo, Maven), Bug Trackers, I18n and L10n toolchain, IDEs/Editors (Emacs, Eclipse, Monodevelop), DB/Data Stores (Postgresql, Mongodb, Redis), OpenGL, Hadoop, Documentation (Sphinx, Markdown), Configuration Management (Chef), Emscripten, Powershell, Lucene, JNI, Jython
Other Computer competences	I use Linux as my main OS daily since 2005 (I also have experience with Windows and MacOSX) For further details I have some repositories online at: https://code.launchpad.net/~berdario https://github.com/berdario https://bitbucket.org/berdario

Mother tongue(s) | **Italian**

Self-assessment
European level[(*)]

	Understanding			Speaking				Writing	
	Listening		Reading	Spoken interaction		Spoken production			
English	C1	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
Danish	A1	Basic user	A2	Basic user	A1	Basic user	A2	Basic user	A1	Basic user

[(*)]*Common European Framework of Reference (CEF) level*

Social skills and competences	I am an active member of the Bergamo Linux User Group (http://bglug.it) and I helped start another local programming tech group: Codelovers (http://codelovers.it)