

Europass Curriculum Vitae

Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

Email(s)

Nationality(-ies)

Date of birth

Gender

Dario Bertini

Via Mattioli 17, Bergamo, 24129 Italy IT

+393400995318

berdario@gmail.com

Italian

10/09/1987

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

Università degli Studi di Bergamo

Name of organisation providing
education and training

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 indexing 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			
C1	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
A1	Basic user	A2	Basic user	A1	Basic user	A2	Basic user	A1	Basic user

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

English

Danish

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>)