



Daniele Castrovilli

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Education

Università degli studi di Verona

MASTER DEGREE IN BIOINFORMATICS AND MEDICAL BIOTECHNOLOGIES — CURRICULUM IN BIOINFORMATICA

Verona (VR)

10/2014 – 03/2017

Università degli studi di Verona

BACHELOR DEGREE IN BIOINFORMATICS

Verona (VR)

10/2010 – 03/2013

Liceo scientifico A. Vallone

SCIENTIFIC HIGH SCHOOL

Galatina (LE)

2004–2010

Skills

Programming

Python, Java, C, SQL, LaTeX, Matlab, Bash Shell

Web

HTML5, CSS, Javascript

Operative systems

Mac Os, Linux, Windows

Softwares

Pentaho BI, MS SQL Server Management studio, SSRS, SSIS, Github, MySQL, PostgreSQL, OracleDB, Atlassian JIRA, Atlassian Confluence, Power BI

Languages

Italian (Madrelingua), French (B1), English (B1)

Experience

Milkman S.P.A.

BUSINESS INTELLIGENCE ANALYST / DATA SCIENTIST / DATA ARCHITECT

Verona, VR

Mar 2018 - Present

- Business database developer and maintainer
- Data warehouse maintainer and developer
- ETL Developer with NodeJS and Pentaho data suite
- Standard compliant UAT document creation for projects
- Creation of machine learning flows with python for business prediction
- Business process analyst

Trueblue S.R.L.

BUSINESS INTELLIGENCE ANALYST

Verona, VR

Nov. 2016 - Mar 2018

- Data warehouse maintainer and developer
- Data warehouse developer for ETL process and report creation for a rich and usable data
- Using MsSql Server suite (SSRS, SSIS, MS SQL Management Studio 2008 2012 2016), Microsoft Power BI.
- Standard compliant UAT document creation for projects

Melegatti S.P.A.

QUALITY CONTROL

Verona, VR

Oct, 2013 - Dec, 2013

Quality control over production chain and products sell outside

Università degli studi di Verona

BIOINFORMATICA

Verona

Set. 2016 - Mar. 2017

- **Modeling and implementing a data warehouse to support genomic analyses**
- Developed a data warehouse for genomes in order to create a process from uploading sequences, developing ETL stream and dashboard creation with useful data

Università degli studi di Verona

BIOINFORMATIC

Verona

Lug. 2016 - ott. 2016

- **Bioinformatic support for data mining**
- Developed an ETL process with python in order to extract meaningfull data from excel file format.

Università degli studi di Verona

BIOINFORMATIC

Verona

Set. 2015 - Mar. 2016

- **Report generator**
- Combining python and latex creating a useful tool capable of creating automatically a report with extracted data

Università degli studi di Verona

BIOINFORMATIC

Verona

Dic. 2015 - Mar. 2015

- **Similarity analysis between bacteriophages**
- Developed a tool capable of analyze and observe differences between genome sequences of bacteria and viruses

Università degli studi di Verona

BIOINFORMATIC

Verona

Apr. 2013 - Lug. 2013

- **Genome wide association study for metabolic syndrome**
- Using PLINK and bash shell programming we have developed a mechanism capable of automatic data analysis from data of metabolic syndrome patients

Università degli studi di Verona

BIOINFORMATIC

Verona

Set. 2012 - Feb. 2013

- **Probabilistic techniques for studying Multiple Sclerosis with proteomic data**
- With MatLab we have developed a system capable of analyzing data and showing results with richfull graphs.

Certifications

Oracle SQL developer

UDEMY

Dec. 2017

- Url: [ude.my/UC-H41VLXC1](https://www.udemy.com/course/oracle-sql-developer/)
- Codice certificato: UC-H41VLXC1

MongoDb basics M001

MONGODB

Nov. 2017

- Url: [http://university.mongodb.com/course_completion/bc97c088-a3e0-491c-ba10-b0854c84](https://www.mongodb.com/courses/mongodb-basics/)
- Codice certificato: bc97c088-a3e0-491c-ba10-b0854c84

Python for Data Science and Machine Learning BootCamp

UDEMY

Sept. 2017

- Url: [ude.my/UC-HI5Q6CLE](https://www.udemy.com/course/python-for-data-science-and-machine-learning-bootcamp/)
- Certification code: UC-HI5Q6CLE

JavaScript Essentials

UDEMY

Sept. 2017

- Url: [ude.my/UC-3S0DGSAG](https://www.udemy.com/course/javascript-essentials/)
- Certification code: UC-3S0DGSAG

Advanced databases and SQL querying

UDEMY

Sept. 2017

- Url: [ude.my/UC-H0BIL3T9](https://www.udemy.com/course/advanced-databases-and-sql-querying/)
- Certification code: UC-H0BIL3T9

Extracurricular Activity

AISM Verona

VOLONTARIATO

Verona (VR)

Nov. 2012 - PRESENT

- Volunteer at AISM Verona, aiding people affected by Multiple Sclerosis. Collecting funds selling AISM's Apples and Gardenias

Open BioMedical initiative

MEMBER

Apr 2014 - Gen 2017

- Bioinformatic support in OpenBioMedical initiative organization deveoping useful tools and supporting the creation of different DB's.

Ubuntu Bug tracker member

MEMBER

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Sep. 2010 - Actual

- In freetime i usually discover, report and resolve bugs for Ubuntu developer team

RunLover

RUNNER

- I love run in free time using this practice as a tool to de-stress my body and mind.

Everywhere

Jun. 2010 - PRESENT

Musician

DRUMMER

- Playing some drums as solo or with a band.

Everywhere

Forever