



# 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

### Trueblue S.R.L.

BUSINESS INTELLIGENCE ANALYST

Verona, VR

Nov. 2016 - PRESENT

- 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

BIOINFORMATIC

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 meaningful 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

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### Python for Data Science and Machine Learning BootCamp

UDEMY

Sept. 2017

- Url: [ude.my/UC-HI5Q6CLE](https://www.udemy.com/course/UC-HI5Q6CLE/)
- Certification code: *UC-HI5Q6CLE*

### JavaScript Essentials

UDEMY

Sept. 2017

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

### Advanced databases and SQL querying

UDEMY

Sept. 2017

- Url: [ude.my/UC-H0BIL3T9](https://www.udemy.com/course/UC-H0BIL3T9/)
- Certification code: *UC-H0BIL3T9*

## Extracurricular Activity

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### 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

Everywhere

Jun. 2010 - PRESENT

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

### Musician

DRUMMER

Everywhere

Forever

- Playing some drums as solo or with a band.