

# Curriculum Vitae



## PERSONAL INFORMATIONS

**Federico Lizzi**

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📅 Date of birth 18/11/1987 | 🇮🇹 Nationality Italian

## PROFESSIONAL FIELD

**Chemistry**

## PROFESSIONAL EXPERIENCES

3 MAY 10–7 JULY 10

**Chemist**

Ecoanalitica s.r.l., Torino (Italia)

150 hours of practical work carry out during the studies. Waters sampling, chemical and microbiological analysis of waters, soil investigation and reclamation, environmental impact assessment.

1 APR. 13–9 APR. 14

**Biochemist**

Università di biologia, Torino (Italia)

Master's degree final work titled "Deciphering the substrate spectrum of a new bacterial Baeyer-Villiger monooxygenase". It details the study of a novel enzyme, the Ar-BVMO, testing the activity with different substrates. This project has given me the ability to work with: UV-vis spectrophotometer, chiral GC, HPLC, GC-MS, chromatographic columns for protein purification.

## EDUCATION

SEPT. 2011–APR. 2014

**Master's degree in "metodologie chimiche avanzate"**

Università degli studi di Torino - Facoltà di chimica, Torino (Italia)

Advanced organic synthesis, functional and structural biochemistry, catalysis, crystallography, NMR spectroscopy

14 SEPT. 11–14 SEPT. 12

**Proficiency certificate for the courses in foreign language: Spanish and English.**

LLP/ Erasmus, Universidad de Zaragoza, Zaragoza (Spain)

UV-vis, NMR and EPR spectroscopy, Computational chemistry, Bioinorganic, Advance analytical chemistry.

4 OCT. 06–24 MARCH 11

**Bachelor's degree in chemistry**

Università degli studi di Torino - Facoltà di chimica, Torino (Italia)

Organic and inorganic chemistry, Physical chemistry, polymeric materials, biochemistry, analytical chemistry

7 SEPT. 01–4 JULY 06

### Scientific high school degree

Liceo scientifico Marie Curie, Pinerolo (Italia)

Mathematics, physics, chemistry, history, Latin, philosophy, Italian literature, English

## PERSONAL SKILLS (AND COMPETENCES)

Mother language Italian

### Other languages

	COMPREHENSION		SPEAKING		WRITING
	Listening	Reading	Interaction	Oral speaking	
English	C1	C1	C1	B2	B2
Spanish	C1	C1	C1	C1	C1

Levels: A1/A2: base - B1/B2: intermediate - C1/C2: advanced

### Communication skills

- Good communication ability
- Good listener
- Positive attitude also in difficult situations
- Relationship-Oriented
- Open minded
- I consider important directness of intents and thoughts

### Organization skills

- Self-organized
- Ability to carry out team projects, gained through experience
- Favourable to share and discuss the data with colleagues
- Responsible

### Professional skills

- Good skills in proteins purification methods
- Good ability in environmental analyses
- Good ability in separating enantiomers and evaluating the enantiomeric excess
- Able to use characterization instruments such as: UV-vis spectrophotometer, GC, GC-MS; HPLC, NMR
- Excellent ability to search reviews and articles on the internet
- Quick learning of new techniques and methods due to the huge personal curiosity

### Informatics skills

- Ability to use Microsoft Office instruments: Word, Excel, PowerPoint.
- Internet: good skills for online research and translation of scientific reviews.