

## Curriculum vitae

## WORK EXPERIENCES

FEB 2019-FEB 2020 Studio Alfa S.p.a

Lab technician inside the gas chromatography group.  
Sample preparation and analysis, instrumental software and hardware management.

## EDUCATION AND TRAINING

2017–2018 Master's Degree in Chemistry

EQF 7

University of Cape Town- Department of Chemistry  
Double-degree program (BRICS)  
Final Mark: Degree with distinction  
Thesis Title: "Identification of natural product stereochemistry via calculation of ECD spectra"

2015–2018 Master's Degree Chemistry

EQF 7

University of Parma-Department of Chemistry  
Double-degree program (BRICS)  
Final Mark:110/110  
Thesis Title: "Identification of natural product stereochemistry via calculation of ECD spectra"

2011–2014 Bachelor's Degree in Chemistry

EQF 6

University of Parma-Department of Chemistry  
Final Mark: 104/110  
Thesis Title: "Synthesis and spectroscopic characterization of Calix[4]arenes functionalized with chromophores"

## PERSONAL SKILLS

MOTHER TONGUE(S)  
FOREIGN LANGUAGE(S)

Italian  
English

UNDERSTANDING		SPEAKING		WRITING
LISTENING	READING	SPOKEN INTERACTION	SPOKEN PRODUCTION	
B2	B2	B2	B2	B2

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### COMMUNICATION SKILLS

- Excellent ability to adapt to new environments achieved thanks to the participation to a double degree program at the University of Cape Town.
- Good capability in exposition in front of a large number of people.
- Good communication skills inside a team acquired through laboratory experiences attended in different research groups.

### ORGANISATIONAL / MANAGERIAL SKILLS

- Good experience in management of large amount of data achieved during the master's thesis project.
- Great ability to learn and to quickly feel comfortable with new fields of study.

### JOB-RELATED SKILLS

- Good knowledge of spectroscopic techniques in particular UV-vis, NMR and circular dichroism spectroscopy acquired during the thesis projects. Excellent experience in spectra interpretation.
- Good knowledge of chromatographic analysis and instrumentation acquired during the working experience.
- Basic knowledge of molecular modelling methods and quantum mechanics calculations.
- Good ability of working inside a laboratory acquired during several experiences in particular the bachelor's thesis period.

### DIGITAL SKILLS

SELF-ASSESSMENT				
INFORMATION PROCESSING	COMMUNICATION	CONTENT CREATION	SAFETY	PROBLEM SOLVING
INDEPENDENT USER	PROFICIENT USER	INDEPENDENT USER	INDEPENDENT USER	PROFICIENT USER
ECDL (European computing driving licence)				

- Basic knowledge of Linux operating system.
- Basic knowledge of Python and Fortran95 programming languages.
- Good knowledge in computational processes.

Specific Software applications: Maestro, Gaussian09, XmGrace, Topspin, Mestrenova, Chromeleon 7

### OTHER SKILLS

- Self-taught guitar player
- Climber and alpinist

### DRIVING LICENCE

A1, B

Data

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24/10/2020

- Non viene apposta la firma, a tutela dei dati della persona interessata, ai sensi del Regolamento UE 2016/679 e del d.lgs. 196/2003 aggiornato al d.lgs. n. 101/2018.

- La Dichiarazione sostitutiva di certificazioni/dell'atto di notorietà (D.P.R. 28 dicembre 2000, n. 445 - artt. 46 e 47) relativa al presente CV è conservata presso l'Ufficio competente indicato nell'allegato al PTPC vigente dell'Università degli Studi di Ferrara.