STEFANO RUSSO

DATE OF BIRTH: 05 04 1995
Nationality: **Italian**

SKILLS

COMPUTATIONAL CHEMISTRY
Ab-Initio Packages Guassian, ORCA
Molecular Dynamics Tinker

CODING AND PROGRAMMING
Python, R, confident use of HPC

LANGUAGE
Italian and English

CONTACT

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📍 C. Colombo 15, Ladispoli,
RM, 00055

WORK EXPERIENCE

PhD Student in
CHEMICAL SCIENCES (Theoretical and Computational)
Università degli studi "Sapienza"
2021-CURRENT

Research Activity: Development and validation of multipolar and polarizable force field for biocompatible ionic liquids

Supervisor: Enrico Bodo

EDUCATION

Qualified for Chemist Profession
STATE EXAM
2020

Master's Degree in
CHEMISTRY (Inorganic-ChemPhys)   **110** with honors
Università degli studi "Sapienza"   EQF level 7
2018-2019

Thesis: Theoretical study on the stereoselectivity of organ-catalized intramolecolar aldolic reactions

- DFT **ab-initio** energy calculation and geometry optimization
- Transition state search and study of intermediate of reaction
- Classical **MD** as tool for conformational analysis

Bachelor's Degree in
CHEMISTRY   **104/110**
University of Rome La Sapienza   EQF level 6
2015-2017

Thesis:
Structure study of cyclic dipeptides by computational spetroscopy

High School Diploma   **94/100**
Liceo Scientifico Sandro Pertini, Ladispoli   EQF level 4
2009-2014