VICTORIA CASTOR-VILLEGAS

🐦 @vcastorv · 🔗 linkedin.com/in/vcastor · 🐙 github.com/vcastor · 📍 Rouen, France · nationality Mexican

EDUCATION AND TRAINING

Doctor of Philosophy in Chemistry

School of Chemistry, University of Rouen

📅 October 2022 - 📍 Rouen, France

- Thesis "A guided selection of chemical reactivity descriptors by machine learning techniques".

Master of Science in Theoretical Chemistry and Computational Modelling

School of Science, Autonomous University of Madrid

📅 September 2020 - July 2022 📍 Madrid, Spain

- Thesis "Hydrogen bonds in water clusters from an ELF perspective" 📍 written in Laboratoire de Chimie Théorique, Sorbonne Université.

Bachelor of Science in Chemistry

School of Chemistry, National Autonomous University of Mexico

📅 August 2015 – July 2020 📍 CdMx, Mexico

- Thesis "Topological Studies of the Electronic Density in Water Clusters" 📍 written in Institute of Chemistry, UNAM.

STRENGTHS

| SCM (ADF, BAND, DFTB) | Gaussian16 | AIMAll | Orca |

| UNIX-like OS | Git & Subversion |

| Fortran | LaTeX | Python | C/C++ | Perl |

| Astrophysics | First Aids |

PUBLICATIONS

📄 Journal Articles

1. • V. M. Castor-Villegas, J. M. Guevara-Vela, W. E. V. Narváez, Á. M. Pendás, T. Rocha-Rinza, A. Fernández-Alarcón, *Journal of Computational Chemistry*, (https://doi.org/10.1002/jcc.26391) (2020).

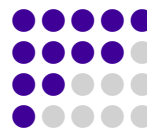2. • V. Castor-Villegas, V. Tognetti, L. Joubert, *Journal of Molecular Modeling* **31**, ISSN: 0948-5023, (http://dx.doi.org/10.1007/s00894-024-06225-3) (Dec. 2024).

LANGUAGES

Spanish (mother language) ●●●●●
English ●●●●○
French ●●○○○
German ●○○○○

HOBBIES

astronomy	audiophile	swimming
musical instrumentation	cook
skincare & make up	LGBT+ activism

WEB PAGE

https://vcastor.com