

# VICTOR MANUEL CASTOR VILLEGAS

@ vcastorv@gmail.com

Madrid, Spain

in linkedin.com/in/vcastor

github.com/vcastor

## EDUCATION AND TRAINING

Master of Science in Theoretical Chemistry and Computational Modelling

School of Science, Autonomous University of Madrid

September 2020 –

Madrid, Spain

- Scholar of Program of Erasmus+ Mundus

Undergraduate Research Assistant

Institute of Chemistry, National Autonomous University of Mexico

February 2019 – July 2020

CdMx, Mexico

- Research in Theoretical Physical Chemistry

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"
- Scholar of "Program of High Academic Demand"

## STRENGTHS

UNIX-like Operative Systems

LaTeX

Gaussian09

Microsoft Office Programmes

AIMAll

ChemDraw

Fortran

Python

Git & GitHub

Perl

Astrophysics

First Aids

## PUBLICATIONS

### Journal Articles

- Castor-Villegas, Victor Manuel, José Manuel Guevara-Vela, Wilmer E. Vallejo Narváez, Ángel Martín Pendás, Tomás Rocha-Rinza, and Alberto Fernández-Alarcón (Aug. 2020). "On the strength of hydrogen bonding within water clusters on the coordination limit". In: *Journal of Computational Chemistry*. DOI: 10.1002/jcc.26391. URL: <https://doi.org/10.1002/jcc.26391>.

## LANGUAGES

Spanish (mother language)

English

German



## HOBBIES

astronomy

audiophile

swimming

musical instrumentation

cook

skincare & make up

LGBT+ activism

## WEB PAGE

[vcastor.github.io/home/](https://vcastor.github.io/home/)

