

# MICHAEL PHILLIP MUSTRI

Faculty of Life Sciences ◊ Silwood Park ◊ Imperial College London

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## EDUCATION

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<b>MSc in Ecology, Evolution, and Conservation</b> Imperial College London	Oct 2021 - present
<b>BSc in Physics (AG<sup>1</sup>: 8.9)</b> Universidad Nacional Autónoma de México (UNAM)	Aug 2014 - June 2019
<b>High School Diploma</b> AP Physics (4) - American School Foundation, Mexico City	Aug 2010 - June 2014

## PROFESSIONAL AND RESEARCH EXPERIENCE

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<b>Systems Engineer Intern</b> Potencia Industrial S.A. de C.V.	Feb 2020 - Aug 2021 <i>Mexico City, Mexico</i>
<ul style="list-style-type: none"><li>• Helped design a braking module for a wind turbine generator using TI and STM microcontrollers.</li><li>• Developed code for operating braking module control systems.</li></ul>	
<b>Undergraduate Research Assistant</b> Laboratorio de Óptica Cuántica de Rydberg, LANMAC, UNAM	Sep 2018 - April 2019 <i>Mexico City, Mexico</i>
<ul style="list-style-type: none"><li>• Designed and assembled electronic instruments for use in the lab.</li></ul>	

## PROFESSIONAL SKILLS

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<b>Programming Languages</b>	C/C++, Python, R, BASH, Julia
<b>Software &amp; Tools</b>	L <sup>A</sup> T <sub>E</sub> X, Windows, Linux, Eclipse IDE, Arduino, Github, EAGLE, Altium, Autodesk Inventor
<b>Languages</b>	Spanish (native), English (native)

## EXTRA-CURRICULAR ACTIVITIES

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- Welfare Committee – Imperial College Union
- MSc EEC course representative – Imperial College London (Silwood Park Campus)
- Foraging and Fermentation Society Chair – ICL
- MIT Organic Chemistry online course
- Nonlinear Dynamics online course

## HOBBIES

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- Mycology
- Photomicrography
- Running
- Hiking

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<sup>1</sup>Average grade on a ten point scale