



JÔNATAS MANZOLLI

ELECTRICAL ENGINEER

PERSONAL PROFILE

Master in Renewable Energies and Sustainability from the University of Coimbra. His research main focus is the study of fast charging, route optimization, urban mobility, and electric vehicles in general.

COMPUTER SKILLS

C	● ● ● ● ●
Matlab	● ● ● ● ●
Python	● ● ● ● ●
CPLEX	● ● ● ● ●
MS Office	● ● ● ● ●

LANGUAGES

Portuguese	Native
English	Fluent
German	Advanced
Spanish	Good Conversational
Italian	Beginner

CONTACT INFO

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ACADEMIC HISTORY

UNIVERSITY OF COIMBRA

Doctor of Philosophy | Set 2020 - Current

PhD in Sustainable Energy Systems
Scholarship: Fundação para a Ciência e Tecnologia (FCT)

Masters of Science | Set 2018 - March 2020

Masters in Energy for Sustainability (18/20)
Wrote a Thesis on: Decision Support for Planning a Bus Rapid Transit Charging Infrastructure
Won SYLFF Fellowship Award for young leaders

UNIVERSITY OF CAMPINAS

Bachelor of Science | March 2011 - Feb 2017

BS Electrical Engineering (8.7/10)
Scholarship: PIBIC/UNICAMP
Won Best Undergraduate-level project Award

TECHNICAL UNIVERSITY OF MUNICH

Exchange Program | March 2015 - March 2016

BS Electrical Engineering
Scholarship: Science without Borders/DAAD

PROFESSIONAL ACTIVITY

RESEARCH FELLOW

INESC Coimbra, Coimbra, Portugal | Jan 2019 - Current

- Electric mobility.
- Bus routes and charging stations optimisation.
- Solutions for public transport.
- Python and Matlab programming.

VICE-CHAIR

IEEE SB UC, Coimbra, Portugal | Oct 2020 - Current

- Scientific content development and spreading.
- Congress and conferences organisation.
- Team coordination.

INTERN

IAV, Munich, Germany | Sept 2015 - March 2016

- Engine design.
- Embedded systems.
- C and Visual Studio programming.

EXTRA CURRICULAR STUDIES

ADVANCED COURSE IN MACHINE LEARNING

Stanford University (online) | Jan 2020 - March 2020

PYTHON FOR EVERYBODY

University of Michigan (online) | April 2020

INTERNATIONAL WORKSHOP ON INNOVATING

Massachusetts Institute of Technology | June 2019