

Jean TADROS

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Education

2020 - 2021	Master's in Business Analytics	<i>American University of Beirut</i>
2015 - 2018	Bachelor of Science in Physics, Cum Laude	<i>Notre Dame University</i>
2015	Lebanese Baccalaureate, General Sciences	<i>Collège Notre Dame de Louaizé</i>

Honors and Awards

2019 - 2021	Graduate Assistantship Scholarship	<i>American University of Beirut</i>
2016 - 2018	Undergraduate Academic Excellence Scholarship	<i>Notre Dame University</i>

Experience

• RESEARCH

- **Research Assistant** : Automated approach for dust mass calculation in the Crab nebula.
May - July 2019, National Council for Scientific Research (CNRS)
Investigators : Dr. Cyrine Nehme (cnehme@ndu.edu.lb), Dr. Marc Sauvage (CEA-Saclay)
- **Bachelor Thesis** : Determination of fundamental stellar parameters using neural networks.
2017 - 2018, Notre Dame University
Advisor : Dr. Marwan Gebran (mgebran@ndu.edu.lb)

• TEACHING

- **Graduate Teaching Assistant** : Introductory Physics Lab II - PHYS 210L
Fall 2018, American University of Beirut
Lab Manager : Ms. Elissar Majdalani (em07@aub.edu.lb)
- **Private Tutoring** : Calculus, Linear Algebra, Stellar Astronomy, Machine Learning.

Service and Outreach

- **Contribution to poster and talk**
May 2019, Société Française d'Astronomie et d'Astrophysique (SF2A) - Nice, France
- **President of Astronomy Club**
2016 - 2018, Notre Dame University
- **S.M.I.L.E Together Social Volunteer**

Skills

• COMPUTER SKILLS

- **Programming Languages** : Python, C++, SQL
- **Data Analytics** : Dimension Reduction, Data Mining, Supervised Learning, Optimization.
- **Environments/Packages** : Tensorflow, OpenCV, Scikit-learn, Scipy, Pandas.
- **Editors** : LATEX, Beamer, Jupyter Notebook, MS Office.
- **Operating Systems** : Linux, MacOS, Windows.

• PERSONAL SKILLS

- **Languages** : Arabic, English, French
- **Music Studies** : Piano, Solfeggio, Harmony.
- **Chess**