





# MARAWAN ELBATEL

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## RESEARCH INTERESTS

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Weakly/Semi/Self-supervised learning with applications on medical imaging.

## EDUCATION

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<b>University of Girona, Faculty of Computer Architecture and Technology</b>	<i>September 2022- July 2023</i>
University of Cassino, Faculty of Electrical and Information Engineering	<i>January 2022- July 2022</i>
University of Burgundy, Faculty of Science and Technology	<i>September 2021- January 2022</i>
Erasmus Mundus Master's degree in Medical Imaging and Applications.	
<b>Cairo University, Faculty of Engineering</b>	
B.Sc. in Computer Engineering <i>CGPA 3.8/4</i>	<i>September 2016 - June 2021</i>

## AWARDS

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<b>Erasmus Mundus Joint Masters scholarship</b> in Medical Imaging and Applications (MAIA)	<i>September 2021</i>
Ranked 2 <sup>nd</sup> on Computer Engineering B.Sc. class of 2021	<i>July 2021</i>
Top 20 out of 400 BSc thesis in the Middle East and North Africa region at Dell Technologies	<i>July 2021</i>
Research Funding, University of Bradford (one awardee in the department)	<i>September 2020</i>
Egypt-Japan Education Partnership (EJEP) research fellowship (2 awardees in the department)	<i>June 2019</i>
Outstanding Undergraduate tuition fee scholarship (9 consecutive semesters) at Cairo University	<i>January 2017</i>

## INTERNSHIPS

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<b>ViCOROB Lab, University of Girona</b>	Remote
<i>Research Intern</i>	<i>January 2021 - present</i>
<ul style="list-style-type: none"><li>Supervised by Robert Marti.</li><li>Working on Breast Cancer Molecular Sub-Types Classification, and Cross-Domain Lesion Segmentation.</li></ul>	
<b>Dell Technologies</b>	Remote
<i>Industrial Thesis Mentorship</i>	<i>March 2021 - July 2021</i>
<ul style="list-style-type: none"><li>Supervised by AbdelMoniem Bayoumi and Mohamed Abouzeid.</li><li>BSc Thesis: Scalable Video Surveillance System for Contact Tracing.</li><li>Worked on the implementation and deployment of deep learning models for pedestrian detection and tracking.</li><li>Pedestrian detection model ranked 3<sup>rd</sup> on <b><u>MOT20Det Benchmark</u></b>.</li></ul>	
<b>AIRe Research Group, University of Bradford</b>	Bradford, United Kingdom
<i>Research Intern</i>	<i>September 2020 – February 2021</i>
<ul style="list-style-type: none"><li>Supervised by Daniel Neagu and Amr Abdullatif.</li><li>Worked on a HEIF research project on COVID-19 data. I did time series forecasting for COVID-19 confirmed cases with sequential models, and leaded another research stream for sentiment analysis of COVID-19 tweets.</li></ul>	
<b>AHIT</b>	Tokyo, Japan
<i>Research Trainee</i>	<i>July 2019 -August 2019</i>
<ul style="list-style-type: none"><li>Research training with project-based learning.</li><li>Funded by the Ministry of Higher Education (EJEP scholarship).</li></ul>	

## TECHNICAL SKILLS

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<b>Programming Languages</b>	Python, C++, C, Java, MATLAB, R, Latex.
<b>Framework</b>	PyTorch, Tensorflow.

## LANGUAGES

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**Arabic**, Native  
**English**, Fluent

## EXTRACURRICULAR ACTIVITIES

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**Red Bull CAN YOU MAKE IT? Travelling Competition** *2019*  
**CAN YOU TRAVEL FOR 7 DAYS ACROSS EUROPE WITH RED BULL AS YOUR ONLY CURRENCY?**  
Only team (3 members) chosen from Egypt (100 teams applied) to participate in a travelling competition with 196 teams worldwide.