MARAWAN ELBATEL

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RESEARCH INTERESTS

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

EDUCATION

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

AWARDS

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

INTERNSHIPS

ViCOROB Lab, University of Girona   Remote
Research Intern   *January 2021 - present*
- Supervised by Robert Marti.
- Working on Breast Cancer Molecular Sub-Types Classification, building deep learning models to predict breast cancer subtype from mammogram images.

Dell Technologies   Remote
Industrial Thesis Mentorship   *March 2021 - July 2021*
- Supervised by AbdelMoniem Bayoumi and Mohamed Abouzeid.
- BSc Thesis: Scalable Video Surveillance System for Contact Tracing.
- Worked on the implementation and deployment of deep learning models for pedestrian detection and tracking.
- Pedestrian detection model ranked 3rd on **MOT20Det Benchmark.**

AIRe Research Group, University of Bradford   Bradford, United Kingdom
Research Intern   *September 2020 – February 2021*
- Supervised by Daniel Neagu and Amr Abdullatif.
- 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.

AIIT   Tokyo, Japan
Research Trainee   *July 2019 -August 2019*
- Research training with project-based learning.
- Funded by the Ministry of Higher Education (EJEP scholarship).

TECHNICAL SKILLS

Programming Languages	Python, C++, C, Java, MATLAB, R, Latex.
Framework	PyTorch, Tensorflow.

LANGUAGES

Arabic, Native

English, Fluent

EXTRACURRICULAR ACTIVITIES

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.