**Robert Marian Iurea**

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<https://github.com/psilly-billy>

# Summary

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# Skills & abilities

\*Here Skills

# Experience

\*Here Experience

# Projects

[Skin MoleSafeScan App](https://psilly-billy-molesafescan.streamlit.app)  
The MoleSafeScan App uses MobileNetV2 and Streamlit to classify skin lesions as benign or malignant, achieving a test accuracy of 91.04% and designed for educational and research purposes.  
  
[Damage Detection with YOLOv8 and Roboflow](https://app.roboflow.com/martin-rpfil/is_it_damaged/8)  
This project utilizes YOLOv8 and Roboflow for damage detection, covering the entire workflow from dataset preparation to model training, evaluation, and deployment.   
Achieved metrics improvement from   
mAP 69.3%, Precision 69.4%, Recall 68.1%   
to mAP 71.5%, Precision 76.4%, Recall 68.5%.  
  
  
  
[Lip Reader](https://github.com/psilly-billy/Lip_Reader)  
The Lip Reader project predicts spoken words from lip movements in videos using a deep learning model, including a Streamlit application for visualization and a detailed training documentation.

# Education and Certifications

**Engineering in Applied Electronics and Telecommunication from University "Stefan cel Mare" (Suceava, Romania)  
2007-10-01 - 2011-06-01**  
[TensorFlow Developer](https://www.credential.net/c161387e-4e21-4a1e-a122-15b87b2696d2#gs.a2znfe)  **TensorFlow Developer by Google on 2022-10-01**  
[Cloud Digital leader](https://www.credential.net/e65c068e-826d-4f26-aff6-e3af5f71bb4d) **Cloud Digital leader by Google on 2024-02-19**  
[Data Structures and Algorithms](https://learn.digitalstack.ro/mod/linkedincert/verify_certificate.php?code=2tnmEGpU8F)  **Data Structures and Algorithms by Digital Stack on 2024-03-23**