Esaú Villatoro-Tello, Ph.D.

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PROFESSIONAL ACTIVITIES

IDIAP RESEARCH INSTITUTE
PERMANENT RESEARCH ASSOCIATE
2021-present | Martigny, Switzerland

ACADEMIC VISITING PROFESSOR
2019-2021 | Martigny, Switzerland

UNIVERSIDAD AUTÓNOMA METROPOLITANA, UNIDAD CUAJIMALPA
FULL TIME PROFESSOR
2012-present | Mexico City, México

INSTITUTO MEXICANO DEL PRETROLEO (IMP)
RESEARCH ASSISTANT
2010-2012 | Mexico City, Mexico

EDUCATION

NATIONAL INSTITUTE OF ASTROPHYSICS, OPTICS AND ELECTRONICS
PHD IN COMPUTER SCIENCE
2006-2010 | Puebla, Mexico

MASTER IN COMPUTER SCIENCE
2004-2006 | Puebla, Mexico

BENEMÉRITA UNIVERSIDAD AUTNÓNOMA DE PUEBLA
BSC IN COMPUTER SCIENCE
1999-2004 | Puebla, Mexico

TEACHING

- Introduction to NLP
- Machine Learning
- Data Structures
- Software Engineering
- Artificial Intelligence

COMMITTEES

- Member of the organization committee of the Mexican NLP summer school since 2018 (Mexican NLP School)
- Vice-president of the Mexican Association of Natural Language understanding (AMNLP) since 2020.

SELECTED PUBLICATIONS

LATE FUSION OF THE AVAILABLE LEXICON AND RAW WAVEFORM-BASED ACOUSTIC MODELING FOR DEPRESSION AND DEMENTIA RECOGNITION
Published at INTERSPEECH 2021

EARLY DETECTION OF DECEPTION AND AGGRESSIVENESS USING PROFILE-BASED REPRESENTATIONS
Published in Expert Systems with Applications Journal, 2017

INAOE'S PARTICIPATION AT PAN'13: AUTHOR PROFILING TASK
Published in Working Notes of the CLEF 2013 Conference

DETERMINING AND CHARACTERIZING THE REUSED TEXT FOR PLAGIARISM DETECTION
Published in Expert Systems with Applications Journal, 2013

A TWO-STEP APPROACH FOR EFFECTIVE DETECTION OF MISBEHAVING USERS IN CHATS
Published in Working Notes of the CLEF 2012 conference

More papers and citation statistics on my Google Scholar profile.

FUNDED RESEARCH PROJECTS (AS LEADER)

2017-2020	Automatic personality traits recognition through the use of multimodal features
2018-2019	Platform of bioinformatic analysis for genomics research and diagnosis, phase 3
2019-2019	International workshop on computational linguistics: towards the deep analysis of digital documents.
2017-2018	Cloud bioinformatics platform for the identification of genetic variants, an application for molecular diagnosis and genomics research
2013-2014	Sexual predators identification in chat conversations employing sequential information

HONORS & AWARDS

2019-2021	Invited as Academic Visitor at IDIAP Research Institute, Martigny, Switzerland.
2020-present	Member of the Mexico's National System of Researchers SNI-CONACyT (Awarded distinction level 1)
2014-2016	Member of the Mexico's National System of Researchers SNI-CONACyT (Awarded distinction level C)
2004-2010	Scholarship from CONACyT Mexico for Master and PhD. studies.

PERSONAL REFERENCES

- Dr. Petr MOTLICEK, Senior at the Speech and Audio Processing, Idiap, CH. Email: petr.motlicek@idiap.ch
- Dr. Manuel MONTES-Y-GÓMEZ. Full time Researcher at INAOE, MX. Email:mmontesg@ccc.inaoep.mx
- Dr. Christian LEMAÎTRE-LEÓN. Full time Professor at UAM-Cuajimalpa, MX. Email:clemaitre@cua.uam.mx