



Gloria Tengyue Li

PhD-CS(Fellowship), MSc, BEng-ECE

Machine Learning, AI Applications, Data Analytics

Summary

Tengyue Li (Gloria) currently is a PhD candidate in University of Macau, potential graduation date in the Spring of 2022. She achieved BEng. Electronic Communication Engineering and Master of Science in 2017 and 2019 respectively. Gloria’s Master Thesis is on “**White Learning**” and her PhD Thesis is on “**Optimized Learning**”, improving deep learning’s interpretability and efficacy collectively. She is also taking in charge of Data Analytics and Collaborative Computing Research Labs on behalf of her supervisor **Prof. Simon James Fong**. Gloria has published over 35 international conference and SCIE journal papers (**JCR1: 14**), mostly in the areas of **data mining, data stream mining, explainable AI and optimization algorithms**. She serves as Guest Editor at Mathematical Biosciences and Engineering Journal ISSN 1551-0018.



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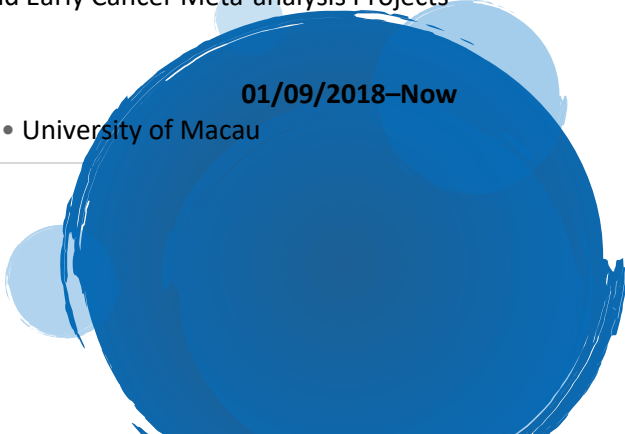
www.litengyue.me

Education

- PhD, University of Macau** **2019-now**
 - Computer Science, AI, Data Mining
- MSc, University of Macau** **2017-19**
 - Computer Information Science: E-Commerce Technology
- BEng, Hebei University of Science & Technology, China** **2013-17**
 - Electronic Communication Engineering

Academic Experience

- Research Assistant** **01/07/2021–Now**
 - Deep Learning for Genomics and Early Cancer Meta-analysis Projects
 - Tsinghua University, Beijing
- Research Assistant** **01/09/2018–Now**
 - Data Mining Research Projects • University of Macau





Gloria in Lecture

Teaching Assistant

01/09/2018–Now

- MSc Data Mining Course
- University of Macau

Sessional Lecturer

01/09/2021–Now

- MBA: Management Information Systems
- MBA: Artificial Intelligence for Business Professionals
- North China University of Technology, Beijing

Organizer and Host

October 2019

- ICFEH Conference
- Zhuhai, China

Exchange Student

Summer 2019

- IESEG • Paris, France

Instructor

June-August 2018

- Data Mining Workshops
- KMUTT, Bangkok, Thailand

Instructor

September 2018

- Big Data Analytics Training
- Xi'an Jiaotong-Liverpool University, Suzhou, China

Voluntary Teacher

June-August 2014

- Caregiving to Left-behind Children in Poor Mountainous Areas
- Sunshine Charity Organization, Hebei, China

Research Project Experience

Officially approved Project & Participate as a team member:

2022—2024

Research and Development of Key Technologies for Fusing Beidou Satellite Temporal-spatial Big Data Platform and Smart City Services • Science and Technology Planning Project of Guangzhou Development Zone, Huangpu District, Guangzhou City, 2021

2018—2020

3D structured light face recognition technology development and application • 2018 Guangzhou Science and Technology Innovation and Development of Special Fund





2017—2019

Nature-Inspired Computing and Metaheuristics Algorithms for Optimizing Data Mining Performance • University of Macau Grant

2016—2018

A Scalable Data Stream Mining Methodology: Stream-based Holistic Analytics and Reasoning in Parallel • FDCT Macau

Project Under review & Participated forming the proposals

2021—2023

An Analytical Platform for Temporal-spatial Prediction and Decision Support of COVID19 Epidemics and beyond, using Fast AI-empowered Ultrasound Diagnosis • 2021 Shenzhen and Hong Kong Science and Technology Development Grant (under review)

2021—2023

Multi-scale Waterlogging Real-time Perception, Accurate Prediction and Emergency Response Driven by Artificial Intelligence • 2021 NSFC grant (under review)

2022—2024

Development of IoT Intelligent Diagnosis and Treatment Evaluation System for Chronic Pain Patients • Science and Technology Planning Project of Guangzhou Development Zone, Huangpu District, Guangzhou City, 2021 (under review)

2022—2025

Maritime Intelligence Technology and Application based on Video Big Data and Deep Learning • FDCT Macau (under review)

Publications

Google Scholar:

<https://scholar.google.com/citations?user=s6jLATcAAAAJ&hl=en>

DBLP (Gloria Li):

<https://dblp.org/pid/260/9372.html>

DBLP (Li Tengyue)

<https://dblp.org/pid/164/9288.html>

IEEE:

<https://ieeexplore.ieee.org/author/37086805285>

Research Gate:

<https://www.researchgate.net/profile/Tengyue-Li>



Gloria in Seminar

Affiliations

Secretary, of Technical Committee of Blockchain for e-Health, IEEE Communication Society

Committee Member, of Task Force on Business Intelligence & Knowledge Management, IEEE Computational Intelligence Society

Manager, of Scientific Committee of iCOMSI

Awards

Oct 2018

Best Paper Award • The 2nd International Conference on Big Data and IoT

Jan 2021

3rd Runner-up • Global Management Challenge

Dec 2017

1st Runner-up • Smart City App Design Contest

Sept 2014

The Most Advanced Individual • Hebei University of Science & Technology

Hobbies

Surfing, Aerial Yoga, Fartlek Run, Nutrition Science
Arts Appreciation, Jewelry Design, Trend de Fashionista

Languages

C2: English, Mandarin, Cantonese

B1: French

A1: Dutch

