Yang Bing

Research Area: Artificial intelligence, computer vision, natural language processing, intelligent manufacturing, multi-objective decision-making

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Date of Birth:	August. 1995	Address:	Chengdu, Sichuan Province, China

Education   Graduation: 2025.06

Southwestern University of Finance and Economics
PhD in Big Data Management, School of Business Administration   09/2021-present
Yunnan University
Master of Software Engineering, Department of Software Engineering, School of Software   09/2018-06/2021

Yunnan University
Bachelor of Software Engineering, Department of Software Engineering, School of Software   09/2014-06/2018

Research Achievements （Including but not limited to the following list）

GGAC: Multi-Relational Image Gated GCN with Attention Convolutional Binary Neural Tree for Identifying Disease with Chest X-rays[J]	Pattern Recognition	2021
ST-LBAGAN: Spatio-temporal learnable bidirectional attention generative adversarial networks for missing traffic data imputation[J]	Knowledge-Based Systems	2021
Deep reinforcement learning based on transformer and U-Net framework for stock trading[J]	Knowledge-Based Systems	2023
Location and path planning for urban emergency rescue by a hybrid clustering and ant colony algorithm approach[J]	Applied Soft Computing	2023

Research Experiences （Including but not limited to the following list）

Major Science and Technology Project of Precious Metal Materials Genetic Engineering in Yunnan Province (No. 2019ZE001-1, 202002AB080001)	2019-2021
Research on dynamic multi-objective demand optimization based on transfer learning (No. 61762092)	2018-2021
Material genetic engineering-Development of computing software for integrated computing function module based on Metcloud (No. 2019CLJY06)	2019-2021
Development of quality prediction algorithm based on manufacturing data (020310005001010009)	2021-2023
Research on advanced planning and scheduling optimization technology and application of mixed flow production line (020310005002090002)	2022-2024

Internship and Work Experiences

HAND Enterprise Solutions Co., Ltd.	06/2017-12/2017
Chinasoft International Information Technology Co., Ltd.	05/2019-08/2019
Yunnan Provincial Department of Culture and Tourism	09/2020-12/2020
Power Construction Corporation of China Kunming Survey and Design Institute Co., Ltd.	03/2021-06/2021
Zhiyuan Micro Technology (Chengdu) Co., Ltd.	09/2021-present

Practice Experiences

Yunnan University   09/2018-06/2021
Served as teaching assistant for undergraduate courses on "Student Entrepreneurship and Innovation" and "Software Engineering"; Presided over the 11th and 12th Postgraduate Entrepreneurship and Innovation Key Project
Southwestern University of Finance and Economics   09/2021-present
Serving as a PhD class leader; Served as a teaching assistant for the "IESP" all-English teaching course

Interests and Professional Skills

Basketball、Chinese chess、swimming
Python、JAVA、C、artificial intelligence、project management、algorithm design、database、big data processing、front-end and back-end development