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Introduction

I am a PhD student at the Center of Clean and Low-carbon Energy, part of the School of Energy Science and Engineering at Central South University, China, where I work on Matter Modeling and Machine Learning for Catalysis. I'm luckily advised by Prof. Zhiqiang Sun and Dr. Hanzi Liu.

I have an MS in Computer Science (AI focus) from University of Wollongong and a BS in Computer Science from Heilongjiang University.

Education and Experiences

Central South University   starts at 2024/09
Ph.D. in Engineering Thermophysics   Changsha, Hunan, China

Central South University   2024/02 – present
Research Assistant at School of Energy Science and Engineering   Changsha, Hunan, China

University of Wollongong   2021/09 – 2023/07
M.Eng. in Computer Science   CCNU Campus [about], Wuhan, Hubei, China
· Modern Crypto, Percept & Planning, Big Data Analytics, WebDev

Heilongjiang University   2016/09 – 2020/07
B.Eng. in Computer Science   Harbin, Heilongjiang, China
· DS, OS, Networking, ML

Publications

Before September 2024, Haonan worked as an independent author.

Sage Open   JCR Q2
A Reconstruction Algorithm for Compression Perception Based on Local Learning Dictionary and SIU   2024, to be published

CSIEDE 2022   Proceedings
A Multi-Focus Image Fusion Method Based on Brushlet and CNN [link]   2022

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