

Wang Zhongyi

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RESEARCH INTERESTS Machine learning & Deep learning; High-performance computing; General Applications on GPU architectures

EDUCATION

The Hong Kong University of Science and Technology Hong Kong
Department of Computer Science and Engineering 2019.9-2020.11
M.S., Information Technology (GPA 3.62/4.3)
Advisor: Professor Shueng-Han Gary Chan

Northeastern University China
School of Computer and Communication Engineering 2015.9-2019.6
B.S., Electrical and Information Engineering (GPA 3.95/5.0, RANK 6/158)

University of California, San Diego U.S.
Department of Electrical and Computer Engineering 2017.3-2017.6
Exchange study (GPA: 3.925/4.0)
Courses Enrolled: Electromagnetism, Intro to Digital Design, Signals and Systems

PUBLICATIONS

[1] GAO Jun, **WANG Zhongyi**; WANG Yancheng; GAO Zekun. Design of laboratory management system based on Wi-Fi sniffing technology [J]. Experimental technology and management, 2019,36 (02): 165-167. DOI:10.16791/j.cnki.sjg.2019.02.040.

[2] FU Zhi-yuan, **WANG Zhong-yi**, WU Yi-fan, ZHANG Yao, ZHOU He, LU Yun-hao. Online CNC Tool Failure Detection Based on DTW and DBA Algorithm[J]. Modular Machine Tool & Automatic Manufacturing Technique, 2019, 0(7): 97-100. DOI:10.13462/j.cnki.mmtamt.2019.07.024.

WORKING EXPERIENCE

Zhejiang Bangsun Technology Co., Ltd. 2022.5 - now
Data Mining Engineer
Build and construct machine learning models for financial anti-fraud detection.

Zhejiang Metals and Materials Co. 2021.3 – 2022.4
Data Analyst, *Department of Financial Investment*
Responsible for data mining and analysis for commodity trading & futures investment

RESEARCH EXPERIENCE

Huawei Technologies Co., Ltd. 2020.8 - 2020.10
Research intern *2012 Laboratory Central Research Institute*
Instructor: Professor Sun Jie
Tested spark GraphX's partition strategies on distributed schemes

The Hong Kong University of Science and Technology 2019.9 – 2020.5
Project: BLE Indoor Positioning
Using BLE (Bluetooth Low Energy) hardware and fingerprint methods to achieve

indoor positioning, in Professor Shueng-Han Gary Chan's lab group

Northeastern University

2018-2019

Research Assistant

Responsible for detecting machine tool failure in a Computerized Numerical Control (CNC) system, under Professor Zhang Yao

Northeastern University

2017-2018

Technical Staff

Implemented Wi-Fi sniffing hardware modules to detect probes for lab management

**AWARDS AND
HONORS**

University's Integrated Scholarship, Third Price

2018.6

University's Innovation and Start-up Scholarship

2018.6

The 11th iCAN International Contest of Innovation 2017, National Price

2017.11

University's Integrated Scholarship, Second Price

2016.11