

# Wang Zhongyi

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RESEARCH INTERESTS	Machine learning & Deep learning; Federated learning; High-performance computing; General applications on GPU architectures;
EDUCATION	<div><div><b>The Hong Kong University of Science and Technology</b> Hong Kong <i>Department of Computer Science and Engineering</i> 2019.9-2020.11 M.S., Information Technology (GPA 3.62/4.3) Advisor: Professor Shueng-Han Gary Chan</div><div><b>Northeastern University</b> China <i>School of Computer and Communication Engineering</i> 2015.9-2019.6 B.S., Electrical and Information Engineering (GPA 3.95/5.0, RANK 6/158)</div></div>
PUBLICATIONS	<p>[1] GAO Jun, <b>WANG Zhongyi</b>; 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.</p> <p>[2] FU Zhi-yuan, <b>WANG Zhong-yi</b>, 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 &amp; Automatic Manufacturing Technique, 2019, 0(7): 97-100. DOI:10.13462/j.cnki.mmtamt.2019.07.024.</p>
WORKING EXPERIENCE	<div><div>Zhejiang Bangsun Technology Co., Ltd. 2022.5 - now Data Mining Engineer Build and construct machine learning models for financial enterprises.</div><div>Zhejiang Metals and Materials Co. 2021.3 – 2022.4 <i>Department of Financial Investment</i> Responsible for data mining and analysis for commodity trading &amp; futures investment</div></div>
RESEARCH EXPERIENCE	<div><div><b>Huawei Technologies Co., Ltd.</b> 2020.8 - 2020.10 Research intern <i>2012 Laboratory Central Research Institute</i> Instructor: Professor Sun Jie Tested spark GraphX's partition strategies on distributed schemes</div><div><b>The Hong Kong University of Science and Technology</b> 2019.9 – 2020.5 <i>Project: BLE Indoor Positioning</i> Using BLE (Bluetooth Low Energy) hardware and fingerprint methods to achieve indoor positioning, in Professor Shueng-Han Gary Chan's lab group</div><div><b>Northeastern University</b> 2018-2019 <i>Research Assistant</i> Responsible for detecting machine tool failure in a Computerized Numerical</div></div>

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**