

# Wang Zhongyi

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RESEARCH INTERESTS	Machine learning & Deep learning; High-performance computing; Data Mining; Parallel and GPU architectures;
EDUCATION	<div><div><b>The Hong Kong University of Science and Technology</b><div>Hong Kong</div><div><i>Department of Computer Science and Engineering</i><div>2019.9-2020.11</div></div><div>M.S., Information Technology (GPA 3.62/4.3)</div><div>Advisor: Professor Shueng-Han Gary Chan</div></div><div><b>Northeastern University</b><div>China</div><div><i>School of Computer and Communication Engineering</i><div>2015.9-2019.6</div></div><div>B.S., Electrical and Information Engineering (GPA 3.95/5.0, RANK 6/158)</div></div><div><b>University of California, San Diego</b><div>U.S.</div><div><i>Department of Electrical and Computer Engineering</i><div>2017.3-2017.6</div></div><div><i>Exchange study</i> (GPA: 3.925/4.0)</div><div>Courses Enrolled: Electromagnetism, Intro to Digital Design, Signals and Systems</div></div></div>
PUBLICATIONS	<div><div>[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.</div><div>[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.</div></div>
WORKING EXPERIENCE	<div><div><b>Zhejiang Bangsun Technology Co., Ltd.</b><div>2022.5 - now</div><div>Data Mining Engineer</div><div>Build and construct machine learning models for financial enterprises.</div></div><div><b>Zhejiang Metals and Materials Co.</b><div>2021.3 – 2022.4</div><div><i>Department of Financial Investment</i></div><div>Responsible for data mining and analysis for commodity trading &amp; futures investment</div></div></div>
RESEARCH EXPERIENCE	<div><div><b>Huawei Technologies Co., Ltd.</b><div>2020.8 - 2020.10</div><div>Research intern <i>2012 Laboratory Central Research Institute</i></div><div>Instructor: Professor Sun Jie</div><div>Tested spark GraphX's partition strategies on distributed schemes</div></div><div><b>The Hong Kong University of Science and Technology</b><div>2019.9 – 2020.5</div><div><i>Project: BLE Indoor Positioning</i></div><div>Using BLE (Bluetooth Low Energy) hardware and fingerprint methods to achieve</div></div></div>

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