CHEN, TING-CHIH

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Research interests

Machine learning, deep learning, and computer vision

Computer Skills

Languages: C++, C#, C, Java, Python

Education

Virginia Polytechnic Institute and State University (Virginia Tech) Blacksburg, VA
Master of Science in Computer Science and Applications

National Changhua University of Education (NCUE) Changhua, Taiwan
Bachelor of Science in Computer Science and Information Engineering Jan.2017 – June 2019
Overall GPA: 3.4/4.0

Ming Chuan University (MCU) Taoyuan, Taiwan
Undergrad Program in Computer Science and Information Sep.2015 – Jan.2017
Engineering

Work Experience

National Center for High-performance Computing Taichung, Taiwan
Internship June 2019 – Aug.2019
- Applied machine learning to track street lamp and parked vehicles on the roadside, and design pedestrian crossing
- Prepare materials for submission to faculty review and journal publication

National Changhua University of Education Changhua, Taiwan
Research Assistant Jan.2018 – Jan.2019
- Conducted research on the Ministry of Science and Technology-administered project of the development of interdisciplinary course of computer science and legal studies
- Analyzed data and contributed to the implementation of intelligent parking system
- Combined Blockchain and industry technology to break new grounds in research

Research Projects

International Conference on Innovation and Management, (IAM2020 Feb.2020
Winter, Japan)- **"Application of LSTM Neural Network in Stock
Price Movement Forecasting with Technical Analysis Index"**

NCUE Graduation Project- Apr.2019
**"Data Distribution Strategy With High Computational Efficiency
In Spark"**

Ministry of Science and Technology Research Project – Jan.2019
**"Research On The Necessity Of Combining Blockchain Technology
With Industrial Technology"**