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| Marc Chengliang Zhang Aspiring Researcher  Clear Water Bay, NT., Hong Kong |

# RESEARCH INTERESTS

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| My interests covers **big data analytics systems** and **cloud computing**, with a special focus on **machine learning systems**. I enjoys identifying fundamental system design and performance issues in large-scale ML systems during both training and inference, and searching for general and efficient solutions. |

# EDUCATION

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| Hong Kong University of Science and Technology Hong Kong SAR  Ph.D. candidate of Computer Science and Engineering,  supervised by Dr. [Wei Wang](https://www.cse.ust.hk/~weiwa/)  Hong Kong PhD Fellowship awardee | 09/2016 until now |
| Harbin Institute of Technology Harbin, P.R.China  B.E. Internet of Things Engineering  **Selected Honors:** National Scholarship *(Top 2%),* People's Scholarship, Fuji Xerox Scholarship | 09/2012 – 06/2016 |

# PUBLICATIONS

# Chengliang Zhang, Minchen Yu, Wei Wang, and Feng Yan ‘‘[MArk: Exploiting Cloud Services for Cost-Effective, SLO-Aware Machine Learning Inference Serving,](https://marcoszh.github.io/MArk-atc19.pdf)’’ appears in the 2019 USENIX Annual Technical Conference (ATC'19), Renton, USA, July, 2019.

# Chengliang Zhang, Huangshi Tian, Wei Wang, and Feng Yan ‘‘[Stay Fresh: Speculative Synchronization for Fast Distributed Machine Learning,](https://marcoszh.github.io/specsync-icdcs18.pdf)’’ appears in the 38th IEEE International Conference on Distributed Computing Systems (ICDCS’18, research track), Vienna, Austria, July, 2018.

# EXPERIENCE

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| **Research Assistant Spark cache management project**  Department of Computer Science and Engineering | HKUST   * Participated in the implementation of online LRC module in Spark. * The work is accepted by INFOCOM’17, as [LRC: Dependency-Aware Cache Management for Data Analytics Clusters](https://marcoszh.github.io/lrc-infocom17.pdf) | 02/2017 – 05/2017 |
| **Intern Engineer DuRobot**  Natural Language Processing Department | Baidu, Inc.   * Participated in the research and development of a series of Intelligent Robots.   Programmer of the DeepQA module with which users can interact through natural language and gestures. | 07/2015 – 05/2016 |