

Academic Staff Resume

Name: Li Xianfeng

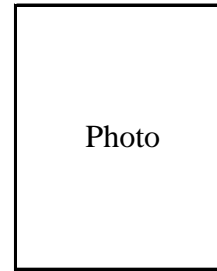
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Academic Qualification:

Ph.D. in Computer Science, The National University of Singapore, 2005

Bachelor in Computer Science, Beijing Institute of Technology, 1995

Teaching Area

Computer Architecture

Deep Learning

Computer Networks

Research Area

Artificial Intelligence

Internet of Things

Computer Networks

Embedded Systems

Working Experience

09/2019 - Present, Macau University of Science and Technology, Associate Professor

08/2009 - 09/2019, Peking University Shenzhen Graduate School, Associate Professor

06/2008 - 07/2009, Peking University Shenzhen Graduate School, Lecturer

01/2006 - 05/2008, Peking University, Post-doc

07/1995 - 12/2000, Information Center of Norinco Group, Engineer, Assistant Director

Research Projects

Study on the construction of hydraulic model based on the health degree of drainage network and the application of urban drainage prediction and early warning

Professional Certification and Awards

Professional Society Membership

IEEE Member

ACM Member

CCF Member

Shenzhen Association for Artificial Intelligence, SAAI

Academic Publication

Journal Articles:

[1] X. LI and G. LI, "AN ADAPTIVE CPU-GPU GOVERNING FRAMEWORK FOR MOBILE GAMES ON BIG.LITTLE ARCHITECTURES," IEEE Transactions on Computers, pp. 1-1, 2020, doi: 10.1109/TC.2020.3012987.

Performance on Both Search and Update," IEEE Journal on Selected Areas in Communications, vol. 38, no. 7, pp. 1555-1569, Jul. 2020, doi: 10.1109/JSAC.2020.2986935.

[3] X. LI, J. CHEN, F. DENG, and H. LI, "PROFIT-DRIVEN ADAPTIVE MOVING TARGETS SEARCH WITH UAV SWARMS," Sensors, vol. 19, no. 7, p. 1545, Jan. 2019, doi: 10.3390/s19071545.

[4] W. LI ET AL., "A POWER-SAVING PRE-CLASSIFIER FOR ICAM-BASED IP LOOKUP," Computer Networks, vol. 164, p. 106898, Dec. 2019, doi: 10.1016/j.comnet.2019.106898.

sample face recognition," Optik - International Journal for Light and Electron Optics, vol. 125, no. 17, pp. 5017-5024, Sep. 2014, doi: 10.1016/j.ijleo.2014.01.171.

Books & Book Chapters:

Conference Papers:

[1]X. Li, G. Li, and X. Cui, "ReTriple: Reduction of Redundant Rendering on Android Devices for Performance and Energy Optimizations," in 2020 57th ACM/IEEE Design Automation Conference (DAC), Jul. 2020, pp. 1–6, doi: 10.1109/DAC18072.2020.9218517.

[2]X. Li, C. Xu, and Q. Zhao, "Shellproof: More Efficient Zero-Knowledge Proofs for Confidential Transactions in Blockchain," presented at the IEEE International Conference on Blockchain and Cryptocurrency (ICBC), Toronto, Canada, May 2020.

[3]W. Li, X. Li, H. Li, and G. Xie, "CutSplit: A Decision-Tree Combining Cutting and Splitting for Scalable Packet Classification," in IEEE INFOCOM 2018 – IEEE Conference on Computer Communications, Apr. 2018, pp. 2645–2653, doi: 10.1109/INFOCOM.2018.8485947.

[4]X. Li, Guikang Chen, and Wen Wen, "Energy-efficient execution for repetitive app usages on big.LITTLE architectures," in 2017 54th ACM/EDAC/IEEE Design Automation Conference (DAC), Jun. 2017, pp. 1–6, doi: 10.1145/3061639.3062239.

[5]X. Li, T. Zhang, and J. Li, "A Particle Swarm Mobility Model for Flying Ad Hoc Networks," in GLOBECOM 2017 – 2017 IEEE Global Communications Conference, Dec. 2017, pp. 1–6, doi: 10.1109/GLOCOM.2017.8253966.