XIN LI

xil915@lehigh.edu |Tel: +1(484)934-2653|https://xincoder.github.io
Room 309 Building "C", 113 Research, Bethlehem, PA 18015 USA

EDUCATION BACKGROUND

Lehigh University, Department of Computer Science and Engineering, *09/2015 - Present*
    Ph.D. in Computer Science   Overall GPA: 3.97/4.00 (Till now)
Peking University, School of Software and Microelectronics, *09/2012 - 07/2015*
    Master of Engineering in Software Engineering   Overall GPA: 3.70/4.00
Qingdao Technological University, Shandong, *09/2008 - 07/2012*
    Bachelor of Engineering in Software Engineering   Overall GPA: 85/100 Rank: 5/62

RESEARCH INTERESTS

Computer Vision, Deep Learning, Autonomous Driving, Software Engineering

WORKING EXPERIENCE

1. **Samsung Research America Inc. (SRA),** Mountain View, CA, USA
   Research Intern   05/2019–08/2019
       Mentor: Dr. Hongxia Jin, Dawei Li
       Research Topic: Human Action Prediction
2. **Qualcomm Technologies, Inc.,** San Diego, CA, USA
   Interim Engineering Intern   05/2018–08/2018
       Mentor: Dr. Bolan Jiang, Dr. Shuai Zhang
       Research Topic: Convolutional Network Decomposition **[Paper submitted]**
3. **Qualcomm Technologies, Inc.,** San Diego, CA, USA
   Interim Engineering Intern   05/2017–08/2017
       Mentor: Dr. Bolan Jiang
       Research Topic: Fast Object Detection on Mobile Platform **[Patent submitted]**

TEACHING EXPERIENCE

Computer Organization and Architecture (CSE202), Lehigh University
    Teaching Assistant with Prof. Jason Loew   Spring 2017
Artificial Intelligence Theory and Practice (CSE327), Lehigh University
    Teaching Assistant with Prof. Jeff Heflin   Spring 2018

RESEARCH PUBLICATIONS

- **Xin Li**, Xiaowen Ying, Mooi Choo Chuah. " GRIP: Graph-based Interaction-aware Trajectory Prediction." IEEE INTELLIGENT TRANSPORTATION SYSTEMS CONFERENCE (ITSC). 2019.
- **Xin Li**, Shuai Zhang, Bolan Jiang, Yingyong Qi, Mooi Choo Chuah, Ning Bi. "DAC: Data-free Automatic Acceleration of Convolutional Networks." IEEE Winter Conference on Applications of Computer Vision (WACV). 2019.
- Xiaowen Ying, **Xin Li**, Mooi Choo Chuah. LiveFace: A Multi-Task CNN for Fast Face-Authentication. 2018 IEEE International Conference on Machine Learning and Applications (ICMLA). 2018
- **Xin Li**, Mooi Choo Chuah. "ReHAR: Robust and Efficient Human Activity Recognition." IEEE Winter Conference on Applications of Computer Vision (WACV). 2018.

- **Xin Li**, Mooi Choo Chuah. SBGAR: Semantics Based Group Activity Recognition. IEEE International Conference on Computer Vision (ICCV). 2017.
- **Xin Li**, Mooi Choo Chuah, Subhrajit Bhattacharya. UAV assisted Smart Parking Solution. IEEE International Conference on Unmanned Aircraft Systems, 2017.
- **Xin Li**, Qinghan Xue, Mooi Choo Chuah. CASHEIRS: Cloud Assisted Scalable Hierarchical Encrypted Image Retrieval System. IEEE International Conference on Computer Communications (IEEE INFOCOM). 2017.

Skills: Proficient in Python, C/C++, C#, Java, SQL, MATLAB; Keras, Tensorflow, Caffe, Pytorch; Android