

Zhaozhuo Xu

<https://ottovonxu.github.io/>

Email
Linkedin

EDUCATION

- **Stanford University** Stanford, CA
Electrical Engineering, Master of Science Sep. 2017 – Jul. 2019
 - Coursework: Machine learning, NLP, Statistical Signal Processing
- **University of California, Los Angeles** Los Angeles, CA
Computer Science, Exchange Student, GPA: 4.00/4.00 Jul. 2016 – Sep. 2016
- **Wuhan University** Wuhan, China
Electronic Information Engineering, Bachelor of Engineering, GPA: 3.84/4.00 Sep. 2013 – Jul. 2017
 - Ranking: **Top 1%**, Member of the Elite Engineer Program

SKILLS

- **Languages:** Scala, Python, C++, MATLAB, Java, Javascript, Verilog
- **Frameworks:** MXNET, TensorFlow, Spark, CUDA, Caffe

EXPERIENCE

- **VMware** Beijing, China
R&D Intern, VMkernel I/O, Mentor: Kevin Song Sep. 2016 – May. 2017
 - **Open Source Code Mining:**
LSTM for context code completion.
Bug root cause classification using TF-IDF, LDA, LSTM.
 - **Virtual IoT OS:**
Virtualized Internet-of-Things operating systems on **vSphere**.
- **University of California, Los Angeles** Los Angeles, CA
Research Assistant, Scalable Analytics Institute, Advised by Professor Carlo Zaniolo Jul. 2016 – Sep. 2016
 - **Diagnostic Tool for Categorical Outliers Detection on Apache Spark:**
Improve the scalability and efficiency of state-of-art outlier detection algorithms.
- **Wuhan University** Wuhan, China
Research and Teaching Assistant, School of Electronic Information Jan. 2014 – Sep. 2017
 - **Research Assistant - Smart Earth Group:**
Deformable R-FCN for remote sensing object detection.
DLM-LSTM framework for land deformation trend prediction.

PAPERS

- **Zhaozhuo Xu**, Xin Xu, Lei Wang, Rui Yang, and Fangling Pu, “Deformable ConvNet with Aspect Ratio Constrained NMS for Object Detection in Remote Sensing Imagery”, submitted to: **Remote Sensing**.
- Fangling Pu, **Zhaozhuo Xu**, Xin Xu, “Unified Management and Control of Heterogeneous Water Quality Measuring Devices via Edge Computing Nodes”, to appear in: **IEEE Sensors 2017**.
- **Zhaozhuo Xu**, Fangling Pu, Xin Fang, Jing Fu, “Raspberry Pi Based Intelligent Wireless Sensor Node for Localized Torrential Rain Monitoring”, **Journal of Sensors** (IF 1.704), vol. 2016, 2016. PDF

HONORS

- Undergraduate Fellowship (tuition support for full time undergraduate enrollment) 2017
- Liu Daoyu Scholarship(7 students in undergraduate at Wuhan University) 2016
- Cross-Disciplinary Scholarship of Science and Technology, UCLA 2016
- National Scholarship(top 2% in undergraduate all over China) 2014, 2015
- National Undergraduate Innovation Foundation(G201510486076), Chinese Ministry of Education 2015