

# LIZHI ZENG

E-mail: lizhizeng@ucla.edu

Website: <https://lizhiz.github.io>

Skype: lizhi\_zeng@hotmail.com

## EDUCATION

- MSc, Electrical Engineering, University of California, Los Angeles, United States 03/2017
- BEng, Automation, Guangdong University of Technology, China 07/2015
- Exchange Program, University of California, Berkeley, United States 02/2013

## TECHNICAL SKILLS

- **Basics:** Java, Python, SQL, C/C++, git, Linux
- **Other:** R, Matlab, L<sup>A</sup>T<sub>E</sub>X, RESTful, JSON
- **Big Data:** Hadoop, Spark, HBase, Druid, Oozie
- **Document:** Tableau, Microsoft Office

## EXPERIENCES

- **Software Engineer, HUAWEI TECHNOLOGIES CO., LTD.**, Shenzhen, China 03/2018 - now  
**Network Product Line**
  - Developed features of Use Cases:
    - \* Wi-Fi Tune Up: Gateway busy/idle time identification.
    - \* APP distinguish: APP type classification.
    - \* PON diagnosis: PON fault diagnosis and location.
  - Developed micro-services for tenant management of Operation and Maintenance System.
  - Reconstructed common algorithms and use-case algorithms.
  - Developed efficiency improvement tools for auto-test system.
- **Research Associate, Cedars-Sinai Medical Center**, Los Angeles, United States 07/2016 - 03/2017  
**Biomedical Imaging Research Institute (BIRI)**
  - Optimized MRI quality with convex optimization and machine learning techniques(PCA & genetic algorithm).
- **Research Assistant, Guangdong University of Technology**, Guangzhou, China 06/2013 - 06/2014
  - Optimized the generation method of Rayleigh and Nakagami-m distributions with Brent's method and Newton's method.

## SELECTED PROJECTS

- **Cross-Device Entity Linking (CIKM Cup 2016)** 02/2017 - 03/2017
  - Identified user's identity at device-level with user-generated data from different devices.
- **Popularity prediction on Twitter** 03/2016 - 04/2016
  - Predicted tweet activity based on hashtags.

## REFERENCES

### Director of Magnetic Resonance Engineering

Department of Biomedical Imaging Research Institute, Cedars-Sinai Medical Center, Los Angeles, United States

Hui Han, Ph.D.

hui.han@cshs.org