

LIZHI ZENG

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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^AT_EX, RESTful, JSON
- **Big Data:** Hadoop, Spark, 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.

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