

# Yating Huang

M.Sc, Computer Science and Technology  
College of Computer Science and Software Engineering  
Shenzhen University, Shenzhen, China.

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## EDUCATION

**Shenzhen University (SZU)**, Shenzhen, China

Sep. 2019 - Present

*M.S. in Computer Science and Technology*

**Supervisor:** Prof. Linlin Shen

**Fujian University of Traditional Chinese Medicine (FJTCM)**, Fujian, China

Sep. 2015 - Jun. 2019

*B.S. in Information Management and Information System (Medical Information)*

**Supervisor:** Prof. Xuemei Yang

## RESEARCH INTERESTS

Medical Image Analysis, Deep Learning.

My research interests include image recognition and segmentation. Recently, I am dedicated to using Generative Adversarial Networks (GAN) to synthesize images to address the data scarcity problem.

## PUBLICATIONS

### Journal Papers

1. **Yating Huang**<sup>†</sup>, Xuechen Li<sup>†</sup>, Siting Zheng, Zhongliang Li, Sihan Li, Linlin Shen\*, Changen Zhou\*, Zhihui Lai. "Tongue Size and Shape Classification Fusing Segmentation Features for Traditional Chinese Medicine Diagnosis". *Artificial Intelligence in Medicine*. 2021. (Under review)

### Conference Papers

1. **Yating Huang**, Zhihui Lai\*, Wenjing Wang, "TU-Net: A Precise Network for Tongue Segmentation". *9th International Conference on Computing and Pattern Recognition (ICCPR)*, 2020.

## SELECTED AWARDS

- **Special Scholarship**, Shenzhen University 2019 – 2020
- **Outstanding Graduate**, Fujian University of Traditional Chinese Medicine 2019
- **Outstanding Undergraduate Thesis**, Fujian University of Traditional Chinese Medicine 2019
- **First-Class Scholarship**, Fujian University of Traditional Chinese Medicine 2018 – 2019

## REFERENCES

Linlin Shen ([llshen@szu.edu.cn](mailto:llshen@szu.edu.cn)), Professor, Shenzhen University

Xuechen Li ([timlee@szu.edu.cn](mailto:timlee@szu.edu.cn)), Researcher, Shenzhen University

Changen Zhou([2007038@fjtcn.edu.cn](mailto:2007038@fjtcn.edu.cn)), Lecturer, Fujian University of Traditional Chinese Medicine