

# 哈爾濱工業大學

## Harbin Institute of Technology

Academic performance illustration and ranking certification

Name: Yanan Zhao Gender: female Date of birth: June 30, 1996

Department: College of Information Science and Engineering

Admission time: September, 2014

The grade point average (GPA) of undergraduate courses of Yanan Zhao is 92 points. Besides, She ranked 5th among 88 undergraduate students in the 2014 communication engineering major during the first six semesters. Furthermore, she ranked the 1<sup>st</sup> place from the 4<sup>th</sup> to 6<sup>th</sup> semester, and maintained her academic excellence in the last two semesters after being recommended for admission to graduate program.

Hereby proved.

Witness:

(seal)

DD/MM/YYYY:

Gongliang Liu  
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# 荣誉证书

赵雅楠硕士研究生:

您所撰写的硕士学位论文《分数阶小波散射卷积网络原理及应用》被评为哈尔滨工业大学优秀硕士学位论文。

哈尔滨工业大学学位委员会

二〇二〇年七月

## Certificate of Honor

The master degree candidate Yanan Zhao,

This is to certify that your master dissertation *THEORY AND APPLICATIONS OF FRACTIONAL WAVELET SCATTERING CONVOLUTIONAL NETWORKS* is rated as excellent master dissertation of Harbin Institute of Technology.

Degree Committee of Harbin Institute of Technology

July 2020

