

Xiao (Brandon) Han

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Education

University of Surrey

Guildford, England

PH.D. STUDENT

Jan. 2021 -

- Centre for Vision, Speech and Signal Processing.
- Supervisors: Prof. Tao Xiang and Dr. Yi-Zhe Song

Zhejiang University

Hangzhou, China

BACHELOR OF ENGINEERING

Sep. 2016 - Jun. 2020

- Major in Information Engineering, College of Information Science and Electronic Engineering.
- Cumulative GPA: 3.92 / 4.00, Third-year GPA: 3.94 / 4.00, Rank: 21 / 138

Academic Experiences

Fudan University

Shanghai, China

VISITING STUDENT

Nov. 2020 - Feb. 2021

- Advisor : Dr. Li Zhang

Westlake University

Hangzhou, China

RESEARCH ASSISTANT

Oct. 2019 - May. 2020

- Advisor : Dr. Changbin Yu
- Topic : Deep learning-based features prediction for mass spectrometry of protein.

University of Michigan

Ann Arbor, MI, U.S.A

RESEARCH VISITING STUDENT

Jul. 2019 - Oct. 2019

- Advisor : Prof. L. Jay Guo
- Topic : Designing optical metasurface with deep neural network.

Working Experiences

PixelShift.AI

Shanghai, China

COMPUTER VISION ALGORITHM INTERN

May. 2020 - Sep. 2020

- Mentors : Zhiming Ma and Meng Zhang
- Project : Immersive AR application and deployment of generative models.

Publications

INTERNATIONAL CONFERENCE

Text-Based Person Search with Limited Data

Under Review

Xiao Han*, Sen He, Li Zhang, Tao Xiang

Jun. 2021

INTERNATIONAL JOURNAL

Inverse Design of Metasurface Optical Filters using Deep Neural Network with High Degrees of Freedom

InfoMat

Xiao Han*, Ziyang Fan*, Zeyang Liu*, Chao Li, and L. Jay Guo

Jun. 2020

Honors & Awards

2021-2024	Faculty of Engineering and Physical Sciences/iFlytek Studentship	University of Surrey/iFlytek, UK
2019	Chunzhen International Exchange Scholarship	Zhejiang University, China
2019,2018,2017	3rd Prize, Academic & Outstanding Student Scholarship	Zhejiang University, China
2018	Yongping Scholarship	Zhejiang University, China
2018	3rd Prize, National Talent Training Base Scholarship	Zhejiang University, China
2018	Honorable Mention Prize, Mathematical Contest in Modeling (MCM)	COMAP, U.S.A
2017	3rd Prize, Physics Innovation Competition in Zhejiang Province (Theory Part)	Zhejiang Physical Society, China

Skills

Programming Languages	Python, C/C++, MATLAB, Verilog, JS/TS, HTML/CSS
Frameworks and Tools	Git, PyTorch, TensorFlow, Keras, OpenCV, OpenGL
Languages	Chinese (native language), English (IELTS: 6.5), Korean (primary)