

# Chentong Huang

[chentongh2004@gmail.com](mailto:chentongh2004@gmail.com) (+86) 18779098019

## Education:

**Southeast University**

Nanjing, China

Bachelor of Engineering in Information Engineering

Aug. 2021 - Jun. 2025

Main Courses: Mathematical Analysis, Mathematical and Physical Methods, Probability Statistics and Stochastic Processes, Digital Signal Processing, Linear Algebra, Complex Variable Functions.

## Publications and Patents:

[1] **Huang, C.**, Hou, J., Wu, C., Cong, X., Zhou, M., Li, J. and Hong, D. "A General Cooperative Optimization Driven High-Frequency Enhancement Framework for Multi-Spectral Image Fusion." [J] IEEE TGRS, Feb. 2025.

[2] Liu, X., Wu, C., Cong, X., **Huang, C.**, Deng, L., You, J. and Hou, J. "Bidomain Uncertainty Gated Recursive Network for Pan-sharpening." [J] Information Fusion, Jan. 2025.

[3] Li, J., **Huang, C.**, Hou, J., and Wu, C. "A pan-sharpening method and system for remote sensing images based on cooperative optimization driven high-frequency enhance." Chinese Patent, Application No. CN202411655375.1, filed in 2024.

[4] Li, J., Hou, J., Wang, X., **Huang, C.**, Chen, X., and Wu, C. "A pan-sharpening method and system for remote sensing images based on bilateral adaptive evolutionary transformer." Chinese Patent, Application No. CN202411507794.0, filed in 2024.

## Awards:

Southeast University Exemplary Individual of Sports Excellence

Dec. 2023

Southeast University Merit Student

Oct. 2023

China Undergraduate Mathematics Competition (1st Prize)

Dec. 2022

Jiangsu Province Undergraduate Mathematics Competition (1st Prize)

Nov. 2022

Women's 400m Race at Southeast University Sports Meet (1st Place)

Nov. 2022

## Skills:

**Languages:** Mandarin (Native), English (Proficient; TOEFL 104)

**Programming:** MATLAB, Python, C/C++

**Tools:** Microsoft Office, Origin, Git, LaTeX

**Operating Systems:** Linux, macOS, Windows

## Interests:

Mathematics, Running, Music