

# Yuqian Wang

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🌐 <https://warrenzju.github.io/person/CV/>

## Education

2023.09 – Present

📘 **Zhejiang University (ZJU)**, Hangzhou, China  
B.Sc. Candidate in Optical Science and Engineering  
Expected Graduation: June 2027  
GPA: 3.97/4.0 (4.09/4.3)

## Research Experience

2025 – Present

📘 **Multi-band Invisibility & Stealth Technology**

*Student Research Training Program (SRTP)*

Advisor: Prof. [Qiang Li]

- **Mechanism Study:** Investigated the physical mechanisms of visible light and microwave invisibility by studying relevant academic papers, with a focus on dynamic metasurfaces.
- **Intelligent Environment Perception:** Investigated the system's capability to identify and classify the surrounding environment; reproduced a machine learning module that analyzes the electromagnetic characteristics of nearby objects.
- **Adaptive Signal Emission:** Implemented an adaptive control strategy where the system generates and emits specific microwave signals tailored to the detected environmental features, effectively mimicking background signatures to achieve intelligent stealth.

## Honors & Awards

2023 – 2024

📘 **Second-Class Scholarship**, Zhejiang University

2024

📘 **Second Prize**, Zhejiang Provincial Collegiate Physics Innovation Competition

2024 – 2025

📘 **Third-Class Scholarship**, Zhejiang University

## Technical Skills

Programming

📘 Python, MATLAB, C, HTML, LaTeX, Linux

Languages

📘 Mandarin (Native), English (Fluent)