

Yuqian Wang

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🌐 <http://example.example.org/>

Education

2023.09 – Present 📖 **Zhejiang University (ZJU)**, Hangzhou, China
B.Sc. Candidate in Optical Science and Engineering
GPA: 3.97/4.0 or 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 transformation optics and 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)