

Yuqian Wang

✉️ yuqian.warren@gmail.com

🌐 <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)