

# YUANBO PANG

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## 🎓 EDUCATIONAL BACKGROUND

**De Anza College**, Cupertino, CA

2023 – Present

*Associate Degree* Computer Science, expected to graduate in June 2025

## 📋 INTERNSHIP/PROJECT EXPERIENCE

**Nanjing Jinling High School** Nanjing

September 2020 - June 2023

*Student Union* Position: Chair of Publicity and Technology Department

- As the director and director of photography, led a team of nearly 50 people to shoot the large-scale graduation documentary 'Zhongshan Road 169,' which received a strong response from all sectors of society <https://www.bilibili.com/video/BV1Jt4y1a7z1/>
- Organize promotional tasks for school sports meets, food festivals, and other events
- Leading a technical team to troubleshoot and adjust school audio and video equipment

**Gradient Refractive Index Medium for Repairing Optical Fiber**

9/2020-6/2021

*Mathematica* Personal Project

Simulate the use of fibers with specific refractive indices to repair broken optical fibers, thereby reducing the cost and difficulty of repairs, <https://github.com/cyfdecyf/cow>

- Use Mathematica to trace the path of light in optical fibers
- Display an image of light ray tracing

**Ittaai**

October 2023 – Present

*Python, JavaScript, HTML* Team Project

Committed to using AI technology to help students improve the efficiency of classroom learning, making AI a teaching assistant by their side, <https://github.com/ITTAAI/ittaai>

- Using Vosk-driven models for streaming real-time speech recognition
- Using GPT to segment classroom content, and providing real-time answers to student questions based on the queries and the context of the lesson
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## ⚙️ IT SKILLS

- Programming Language: Python > C++==Swift > Java
- Platform: MACOS

## ♥️ AWARDS AND HONORS

*Best API*, De Anza Hacks 2023

October 2023

*First Prize*, Jiangsu Province of the Chinese National Physics Olympiad

2022

The Most Virtuous High School Student in Jiangsu Province

2023

*Silver Medal*, American Physics Bowl

March 2022

*8 points*, AIME American National Mathematics Competition

## VOLUNTEER ACTIVITIES


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**Nanjing Jinling High School** Nanjing

September 2020 - June 2022

## OTHERS

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- : <https://github.com/PangYuanbo>
- Language: English and Chinese