

# Zhiyang Wang

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## EDUCATION

### **New York University**

*MPS, ITP (Interactive Telecommunications Program, STEM)*

**New York**

Expected May 2025

### **New York University**

*Bachelor of Science, double major in Interactive Media Arts and Business & Finance*

**Shanghai, Abu Dhabi, New York**

May 2023

## SKILLS:

- **Develop:** HTML, CSS, JavaScript (p5.js, node.js, three.js, react.js, jQuery, etc.), PHP, Flask, Python
- **Hardware & Electronics:** Raspberry Pi, Arduino, AC/DC mechanics, sensors, circuit design, laser cutting, 3D-printing
- **Software:** Premiere, Audition, Photoshop, Illustrator, Dreamweaver, DaVinci, PowerPoint, Excel, Word, Google Suites
- **Data Analysis:** Python, Pandas, NumPy, SQL, Matplotlib

## WORK EXPERIENCES

### **New York University**

*Student Liaison-- ITP/IMA Project Fellows program*

**New York**

Oct 2023 – now

- Served as the primary contact for ITP/IMA Project Fellows, providing expert technical support in DevOps and Pcomp
- Facilitated fellows and ensured the timely achievement of project objectives, providing essential support

*Graduate Teaching Assistant, Code! + IMA Cohorts*

Sep 2023 – now

- Conduct office hours to assist students with p5.js-related questions, and develop effective learning strategies
- Code review and grade weekly assignments and provide constructive feedback to enhance students' coding skills
- Lead weekly IMA Cohort Meetings for around 10-person groups, fostering active discussions and organizing field trips
- Offer mentoring to undergraduates, providing guidance on study strategies and interactive project launches

### **New York University**

*Learning Assistant, Interaction Lab*

**Shanghai**

Dec 2022 – May 2023

- Collaborated with professors created course outlines and content to ensure consistency with learning outcomes
- Offered in-class support and weekly office hours to professionally review and debug code and circuits, ideation support, troubleshoot projects, and provide guidance on topics encompassing microcontrollers, sensors, and mechanism

### **New York University**

*Rock Wall Attendant, NYU Athletics*

**New York**

June 2022 – Jan 2023

- Providing over 500+ patrons with comprehensive climbing orientation and instruction with 100% good review
- Collaborated effectively with team, designed and installed over 40+ top ropes, and 30+ bouldering routes in one week

**Fova Energy** (Fova is an MIT-spinoff predictive battery analysis startup)

**Hybrid**

*Product Design and Web Development Intern*

July 2022 – Feb 2023

- Conducted industry research on battery forecasting and assisted the product manager in collecting feedback from customers (the top 10 battery manufacturers), proposing design modifications, and implementing those insights
- Designed and developed animations and responsive prototypes, used the Lanhu to design the UI and UX and developed the Fova official website using HTML, CSS, JavaScript, Axios, and Ajax to ensure compliance with all design and functionality requirements and optimized user experience. Increased website traffic by 287% and sales inquiries by 70%

### **Plug and Play**

**Shanghai**

*Investment Analysis and Operations Intern, Corporate Innovation (Sustainability Practice)*

Feb 2020 – Aug 2021

- Leveraged extensive industry analysis of digital media technology and sustainability curate an extensive list of 800+ startups. provided innovative new media or sustainable solutions to 10+ corporates clients, including Kering, AEPW, etc. with mentor, and individually offer solutions to Shanghai Symphony Orchestra
- Collaboratively engaged with the Silicon Valley team, in delivering four critical partnership solutions. Notably, one of these solutions was seamlessly delivered to a Singapore customer, which lead to the success contract continuation
- Orchestrated collaborative efforts with cross-functional teams to strategize and execute multiple high-impact roadshow events for prominent enterprise partners, engaging a total audience of over 72,000. Managed end-to-end event coordination, including material design, on-site supervision, and audiovisual technical support
- Crafted and standardized high-quality vertical brand manuals and assets, encompassing logos, theme slides, and promotional materials. Ensured brand consistency and coherence across all initiatives
- Utilized web development technologies, such as to create visually appealing and responsive weekly news emails for B2B clients. Employed data-driven analyze, enhancing the overall effectiveness of email marketing campaigns

### **New York University**

*Technology Specialist, Interactive Media of Arts*

**Shanghai**

Aug 2020 – Feb 2021

- Pioneered the design and successful launch of a cutting-edge VR-enabled 360° immersive live class streaming solution
- Acted as the primary point of contact for addressing and resolving technical inquiries, encompassing multimedia devices