

# Keyin Wu (Ms.)

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## Education

### Master of Entertainment Technology — Carnegie Mellon University, Entertainment Technology Center

- Expected Graduation: May 2024
- Coursework: Building Virtual Worlds

### B.S. Computer Science, B.S. Interactive Media Arts — New York University

- GPA: 3.98, 3.86 (major), 3.87 / 4.00 (cumulative)
- *Magna Cum Laude Award in Computer Science, Data Science, and Engineering, University Honors Scholar*

## Skills

### Languages:

- Familiar with: C++, C#, Python, HTML, CSS, JavaScript (Node.js, Three.js, P5.js), WebGL
- Capable of: OpenGL, C, MySQL, Arduino, Processing

### Tools, Technologies & Methods:

- Familiar with: Unity3D, SteamVR, Blender, Rhino, Git, Perforce, Adobe Photoshop, Adobe Premier, Jira, Agile
- Experience in: Maya, Sketch, Axure, Figma

## Projects

<https://www.keyinw.site>

### Two by 4 Racing — Game Dev, Alternative Controllers

Dec 2022

*This game is also accepted by alt.ctrl.gdc 2023.*

Cooperative racing game where two players will sit back to back, each with their own bike tire steering wheels to maneuver their TrashBoatMobile (tm) down a mountain path.

- Contribution: managed game flow, resource control, audios; implemented buttons and UI features.

### Laser Mom — AR, VR, Game Dev

Oct 2022

Innovative and augmented hide-and-seek combining both physical props and virtual worlds with Oculus Passthrough.

- **Gameplay Programming & Playtesting:** implemented NPC AI using state machine and EventBus.
- **Source Control:** worked with other team members with Perforce as the source control tool.

## Work Experience

### Product Manager Intern — Transwarp Information Technology

Feb 2021 - Jul 2021

*Software & Tech Services Industry | Support enterprise-level data governance and data asset platform building*

- **Documentation Maintenance:** maintained more than 10 developer/user documentations for Data Studio services.
- **Agile Project Management:** kept track of each iteration via Jira for more than 2 high-volume projects.
- Achieved Transwarp Best Intern of the Season Award.

### Data Developer Intern — IntSig Information

Jun 2020 - Dec 2020

*IT Services and IT Consulting Industry with world-leading OCR capabilities, products include CamCard, CamScanner*

- **Data Processing & Optimization:** Crawled open source data and processed data in MongoDB.
- **Data Sources Organization:** Organized 200+ data sources; evaluated their development cost-effectiveness from various aspects; searched 20+ new high-quality data sources.

## Leadership

### Team Leader — 2020 Tech4Good Hackathon, Shanghai

Dec 2020

- Led a group of three and co-designed a Wechat applet to spread dialects and stories of left-behind children in rural Hunan, aiming to bring them more education and funding opportunities by connecting them with urban migrants who spoke the same dialect.

## Interests

Digital painting, photography, filmmaking, skydiving, diving, karting