

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>

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.

Melody Saber — VR, Game Dev, MIR

Dec 2021

Immersive music game that allows the user to experience alternative renditions of pop songs and perceive real-time modulations to the music they hear as a result of their actions.

- Contribution: Pipeline Design, Melody Processing, Data Transformation & Mapping, Unity Debugging.

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