



# Edward Hsu

Game Designer/Programmer

## Contact

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## EXPERIENCE

### Activision Central Design, Santa Monica, CA

Student Associate (June 2020 - April 2021)

Associate Game Designer (April 2021 - Now)

- Collaborated with professionals in building fast paced concept proofing prototypes in Unity and Unreal Engine 4.
- Mentor for new interns.
- Research on past and modern games.
- Designed game systems and mechanics.
- Design and implement AI.
- Networking in Unity and Unreal.

### Technical Support - QNAP Systems, Pomona, CA

(Nov 2017 - May 2019)

- Resolve technical issues with customers over the phone.
- Data recovery of NAS units.

## PROJECTS

*Knot Me (UCSC Capstone project, Unity, C#) - Winter 2020: A 3D action-adventure game that explores sexual kinks, sexual culture, sexual consent, and other taboo topics.*

- Collaborated with a team of five.
- Sole programmer of the team.
- Designed all game cinematic.
- Designed particle effects.
- Designed and created tools for development.

*Running Hamzards (Unity, C#) - Spring 2020: A 2D four person cooperative platformer that focuses on team collaboration.*

- Collaborated with four other members.
- Lead programmer.
- Lead designer.
- Designed visual effects.
- Networking in Unity with Photon.

*A Test of Metal (Panda3D, Python) — Summer 2016: A solo single player platformer.*

- Designed and programmed all stages from scratch.
- Scripted AI pathing.
- Solo project completed in three weeks.

## EDUCATION

University of California, Santa Cruz, Santa Cruz, CA

MS in Games & Playable Media, Sep 2019- March 2021

California State University, Los Angeles, LA, CA

Bachelor in Computer Science, Sep 2010 - May 2017

## SKILLS

- ❖ C++ (Proficient)
- ❖ Java (Advanced)
- ❖ Python (Intermediate)
- ❖ C# (Advanced)
- ❖ Unity (Advanced)
- ❖ Unreal Engine 4 (Proficient)
- ❖ Machine Learning(Prof.)
- ❖ Level Design (Proficient)
- ❖ Game Design (Advanced)
- ❖ Particle Effects (Basic)
- ❖ AI (Proficient)
- ❖ Perforce (Intermediate)

## LANGUAGES

- ❖ English (Native)
- ❖ Mandarin (Fluent)

## INTERESTS/MISC

- ❖ Tennis
- ❖ Dungeon Mastering
- ❖ Country Music Enthusiast
- ❖ Line Dancing
- ❖ Cooking

References available upon request.