

# Taveesin(Jesse) SAE XU

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## EDUCATION

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### Carnegie Mellon University

*Master of Entertainment Technology*

**Pittsburgh, PA**

Aug 2023 – May 2025 (Expected)

### Tsinghua University

*Bachelor of Management (Information Management and Information System)*

**Beijing, China**

Aug 2019 – Jun 2023

## ACADEMIC PROJECTS

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### Building Virtual World, Carnegie Mellon University

*Programmer*

**Pittsburgh, PA**

Aug 2023 – Present

- Collaborated in different teams of 5 to rapidly develop VR/AR games, 2 in total and each in 2 weeks
- Contributed in gameplay mechanics programming, shader, and game design
- Helped the teams to build good habits (such as naming convention) of managing Unity game projects through Perforce

### Design Studio in the Speciality Field, Tsinghua University

*UI designer/Programmer*

**Beijing, China**

Aug 2022

- Collaborated in a team of 12 to rapidly develop an integrated data analysis system for movie reviews in 4 weeks
- Led 2 peers to design the UI prototype on Axure, and communicated with other small group leaders about the overall development issues
- Implemented the UI design through HTML and crawled down 10000 movies' data on Douban.com through Python

## Experiences

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### Tencent Games

*Game Designer Intern*

**Shenzhen, China**

Jun 2021 – Jul 2021

- Collaborated in a team of 6 game designer interns to develop a minigame using Unreal Engine in 4 weeks
- Contributed in gameplay design, programming, sound effects, and UI design
- Wrote 3 game product experience reports on selected video games from three genres: FPS, Roguelike and Platform
- Researched and wrote a report on the evolution of the global gaming industry and its business value

### Guolian Security Research Project

*UI designer/Programmer*

**Beijing, China**

Aug 2022

- Collaborated in a team of 6 to developed a prototype of a web-based quantitative financial platform in 4 weeks
- Communicated with representatives from Guolian Security to study their user requirements
- Solo designed the UI on Axure

### Swimming Team, School of Economics and Management, Tsinghua University

*Team member*

**Beijing, China**

Oct 2019 – Jun 2023

- 8<sup>th</sup> place for 100m breaststroke in the campus-wide “2021 Ma Yuehan Cup” swimming competition, and also won various places in relays for during the four years of undergraduate

## AWARDS

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- Beijing International Undergraduate Student Scholarship

Jun 2022

## SKILLS

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- Languages: Mandarin, Cantonese, English
- Programming & Software: C, C#, R, Java, Python, SQL, Axure, Unreal Engine 4, Unity, Perforce, Git