

# Yuxin Li

(+86) 15328028982

liyuxin47@bupt.edu.cn

## EDUCATION

### Beijing University of Posts and Telecommunications (Project 211)

Bachelor of Engineering in Digital Media Technology

Sep. 2018 – Present

Beijing, China

2018-2019 Bachelor of Engineering in Automation (Robot and Artificial Intelligence)

2019-2020 Studying Abroad

2020-Present (Change Major to) Bachelor of Engineering in Digital Media Technology

## PROGRAM EXPERIENCES

### Virtual Reality Performance System with Score and Motion Visualization (in progress)

Research Assistant, Advisor: Si Chen

Oct. 2023 – Present

Beijing, China

- Analyzed the score (Shostakovich's Symphony No.11 in G minor for this project) and visualized it individually to form a virtual reality scene. Design scenarios and performance effects for each section according to the music piece.
- Captured data with motion capture technology and mapped it into virtual space.

### Virtual Music Instrument Development (in progress)

Research Assistant, Advisor: Si Chen

Aug. 2023 – Present

Beijing, China

- Worked with the team to transform the traditional instrument MingDu into a software sound source.

### Intelligent Pull-Up Counting System

Research Assistant, Advisors: Prof. Li Gao, Prof. Mingying Lan

Oct. 2022 – Dec. 2022

Beijing, China

- Utilized Python for linking the front-end and back-end of an application with the Django framework.
- Utilized Python for back-end development, and worked with team members to complete the main functions of human posture recognition and pull-up counting.

### 3D Role-Playing Game

Group member, Advisor: Prof. Jian Tan

Nov. 2020 – Apr. 2021

Beijing, China

- 3D modeling, skeletal rigging, and animation production.

## INTERNSHIP EXPERIENCES

### Chengdu Tiandi Sunshine Film and Television Animation Production Co., Ltd.

Post-editing intern

Jul. 2022 – August. 2022

Chengdu, China

- Post-edited videos, including editing, colorizing, and designing visual effects.
- Collaborated with the directors' team to improve movie scripts, camera language, and editing, and identify opportunities for improvement and efficiency.

### Zhengzhou Songlin Network Technology Co., Ltd

Product Operation Intern

Oct. 2020 – Dec. 2020

Beijing, China

- Conducted user investigation and competitive product analysis to improve product quality.
- Provided reasonable suggestions for product iteration and marketing to promote product evolution.
- Formulated product operation planning, marketing strategy, and new product promotion.

## LEADERSHIP AND ACTIVITIES

### Symphony Orchestra of Beijing University of Posts and Telecommunications

Deputy Head

Sep. 2022 – Jun. 2023

Beijing University of Posts and Telecommunications

- Assisted in organizing the orchestra rehearsal and assisted to participate in competitions and performances.
- Assisted in organizing the cultural and entertainment activities of the orchestra.

### Student Committee of the School of Digital Media and Design Arts

Director of the Publicity Department

Sep. 2021 – Jun. 2022

Beijing University of Posts and Telecommunications

- Led the department members to complete the regular work of the publicity department (the operation of the official account, the production of various publicity posters and videos, etc.).
- Made the planning, coordination, and publicity of the new emblem design activities of the college.
- Completed the layout and graphic design of the school orientation manual.

### Game Development Club

President

Sep. 2020 – Jun. 2021

Beijing University of Posts and Telecommunications

- Established the first Game Development Club at Beijing University of Posts and Telecommunications.
- Organized weekly workshops and guest speaker events to foster the development of practical skills in game development and design.
- Established communication with local game companies, and held several exchange and sharing activities.

## SKILLS HIGHLIGHTS

**Programming:** Python (Numpy/OpenCV/Matplotlib/TensorFlow/Pygame), SQL (MySQL/SQL Server), Java/C#/ C++

**Software:** Blender, Unity, Premiere, Photoshop, Audition, After Effects, Cubase, Wwise, Arduino, Touch Designer

**Language:** Mandarin (Native), English (IELTS 7), German (B2)

**Music:** Vocal, Piano, Jazz Drum, Composition, Remix, Percussion (in the Symphony Orchestra)

**Interests:** Films, Reading, Tennis