Meichen Lu

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EDUCATION

Beijing Jiaotong University (BJTU) (Teaching in English)

Lancaster University (LU)-Chinese-Foreign Cooperation in Running Schools (Teaching in English)

Major: Bachelor of Science in Computer Science   Sept 2019 - Now

- **Major:** Computer Science and Technology
- **GPA:** 3.5/4.0 (LU) & 3.11/4 (BJTU)
- **Awards:** two school-level sports scholarships, one five-star dormitory scholarship, two school-level sports meeting records, major participant in two school practical activities

PROJECT EXPERIENCE

3D Action-Adventure Game - Hacker Frank   Jun 2022

- Developed HDRP and rich interaction game based on Unity3D
- Developed Quest System, Inventory System, Jigsaw game and mini map
- Game Video Link

Puzzle Game – Frog Jumps Lotus Leaf

- Allowed players to design their levels and used deep learning to find solutions
- Multithreaded programming

Developed Distributed Booking System

- Built database, interfaces to visit the database
- Developed HTML for this system

Participated in the Preparation of Book *Discrete Mathematics*

- Collected exercise and correction

GRADUATION PROJECT

Predict Spontaneous Termination of Atrial Fibrillation Based on Time Series Classification Algorithm ongoing

- Used ECG signal to predict whether AF will happen
- Built training environment of Machine Learning and used CNN-BiLSTM to train dataset.
- Next stage: try to improve the method of data preprocess by mathematical to increase accuracy

PERSONAL ATTRIBUTES

- **Strong Pressure Resistance and Learning Ability**: GPA rank upgraded from 65/118 in the first year to 14/127 in the third year; English Grade upgraded from C to A$^-$ in a year
- **Communication, Leadership and Teamworking Skills**: twice excellent group leader of university enrollment publicity activities and group leaders of courses and finally got A grade; member of the student union
- **Sturdy professional knowledge:** high grades in professional courses, GPA of LU could prove it
- **Interested in Medical Big Data**: chose CDSS as my topic in a course in the second year (Link); my graduation project also belongs to combinate of Medical and Computer Science
- **Excellent Sports Skills:** held to school-level records

ADDITIONAL INFORMATION

Computer Skills: C, C++, Java, Python, SQL, Unity3D, HTML

Languages: Mandarin (native), English (fluent), Cantonese (basic communication)

Interests: Multiple sports (running, swimming, badminton, basketball), painting