

Jiawen Lu

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https://luckykevzv.github.io

EDUCATION

Monash University	2024.02 – 2027.11
Bachelor of Computer Science (Honours)	Melbourne, Australia
<ul style="list-style-type: none">GPA: 3.714 / 4.0Strong foundation in computer science, with advanced coursework in programming, algorithms, and systems.	
Scots College, New Zealand	2020.02 – 2023.11
IB Diploma	Wellington, New Zealand

WORKING EXPERIENCE

Baidu, Inc.	2025.07 – 2026.02
AI Developer (Intern)	Beijing
Interned in the Mobile Platform Technical Group, focusing on Digital Human technologies. Responsible for locally deploying multiple AI TTS architectures and creating APIs for real-time speaker inference. Optimized TTS models and inference code, reducing the first-token delay of streaming inference by over 50%. Also improved the CNN-based voice-lip sync model to achieve higher resolution.	
<ul style="list-style-type: none">Supervisor: Yibiao Chang changyibiao@baidu.comSupervisor: Zhihao Bo bozhihao@baidu.com	

PROJECTS

GPT-SoVITS	2025.02
Commit #2076 (PR link)	Online
GPT-SoVITS project (a popular AI voice conversion tool) primarily supported NVIDIA CUDA, limiting accessibility for AMD GPU users.	
<ul style="list-style-type: none">Rewrote core installation scripts to integrate ROCm environment detection and configuration logic.Link: https://github.com/RVC-Boss/GPT-SoVITS	
AI Vtuber Framework	2024.05 – 2024.09
This is an open source framework for creating AI streamer. The character model is based on live-2d. This framework can be used to develop various interesting AI anchors with different styles.	
<ul style="list-style-type: none">Link: https://github.com/luckykevzv/AIVtuber_Framework	

COMPETITIONS

12th place, Monash Collegiate Programming Competition (MCPC)	2024.12
Top 100, Battle Code	2022.01

TECHNICAL SKILLS

- Coding Language: Python >> Java = C# = C
- Pytorch, Transformers, LLMs