Shanghao Zou

AUDIO ENGINEER
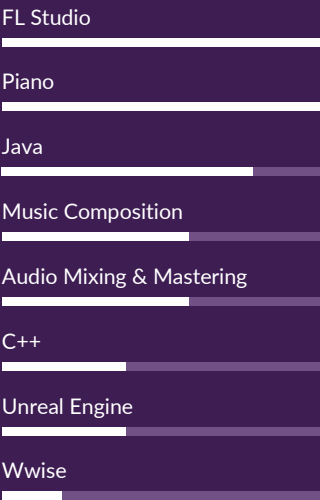
Details

Wenzhou, China
+86 13340001313
zoush@kean.edu

Links

Netease Music Artist Page

Kugo Music Artist Page

GitHub

Skills & Technologies

FL Studio

Piano

Java

Music Composition

Audio Mixing & Mastering

C++

Unreal Engine

Wwise

Profile

Computer Science student with proficiency on software engineering and music production, standing at the crossroads of technology and art. 13 years of piano performance experience and 6 years of music composition experience. Composer of the game *World of Goo 2*. Much experience in music production, mixing, mastering, and computer programming. Computer science projects include Java Buckshot Roulette, 2048 game with assembly language, and linear algebra calculator. Limitless passion for games and music, determined to pour talent and interest into them. Creative, learning fast, intelligent. A determined challenge killer and problem solver.

Education

Bachelor of Computer Science, Wenzhou-Kean University, Wenzhou

SEPTEMBER 2022 — JUNE 2026

- GPA 3.813
- Teaching Assistant for course CPS 1231
- Assistant of WKU IT Department

Employment History

Composer at Tomorrow Corporation, USA

DECEMBER 2023 — AUGUST 2024

Contributed pieces (links):

- *Years Of Work*
- *Ode To The Credits*

Composer for the game *World of Goo 2* by 2D Boy and Tomorrow Corporation, released on Aug 2, 2024, with name on the credits. Participated songs can be found in the Original Soundtrack. Used the DAW FL Studio for most composition work.

Computer Science Experience

Buckshot Roulette Java Replica Project

MAY 2024 — JUNE 2024

Replicated the phenomenal game *Buckshot Roulette* with Java through text-based user interface, code structure based on Entity Component System (ECS), achieved the entire original game mechanisms within 900 lines of code. Complete and smart enemy AI algorithm simulating original game's AI behavior. Source code available

on GitHub. One branch also supports the local coop game mode, which the original game didn't support during its development.

Specialties

Leadership & Teamwork

Active Learning

Creative Thinking

Problem Solving

Critical Thinking

Magnum Opus

The Debut *(Electronic & Orchestra)*
Dissonant Harmony *(Piano)*
The Space Wanderer *(Electronic)*

Languages

Chinese

English

2048 Game using LC-3

NOVEMBER 2023 — DECEMBER 2023

As the leader of a 4-people group, made the classic puzzle game 2048 with assembly language LC-3. Carefully designed algorithms under resource restrictions like limited registers. Used text-based user interface, allowing user control through entering direction keys with fault tolerances. Source code available on GitHub.

Artistic Experience

Freelance Musician, China

MARCH 2024 — PRESENT

Musician at Netease Music, Tencent Music, and Spotify, has released over 20 songs. Genres mostly cover electronic music, Orchestral, and piano. Also skillful in sound mixing and mastering. Now learning advanced music theories and orchestration techniques. Constantly learning and attempting multi-genre fusion, for example, one piece *The Debut* innovatively and organically combined orchestra and electronic music.

WKU Art Troupe Member

2022 — PRESENT

- French Horn Player of WKU Art Troupe Orchestra
- Keyboardist of WKU Art Troupe Band (2022 - 2023)
- Pianist of WKU Art Troupe Chamber Orchestra

Awards

Excellent League Member of WKU Art Troupe

2023

Second Prize of College Student Art Competition, Zhejiang Province

DECEMBER 2023

Second Prize of Logo Design Competition for WKU College of Science, Mathematics, and Technology

2023

Third Prize of Case Study Competition on Climate Change and Disaster Risk Reduction

NOVEMBER 2022