ATTICUS ZHOU

CONTACT

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Southeast University Chengxian College
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Website
https://atticuszz.github.io/Spark/

SKILLS

3D Reconstruction

Model Training and Inference

Distributed Microservices

Proficient in Python and C++

LANGUAGES

Chinese ★★★★★

English ★★★★

German ★★

CERTIFICATIONS

Google Cloud ML Cert
Google Cloud, November 2023

Deep Learning Specialization
Coursera October 2022

PERSONAL INFORMATION

Hobbies
Gym & Sprinting & Boxing

GitHub
https://github.com/Atticuszz

EDUCATION

Southest University Chengxian Collegue
Computer Vsion
September 2021 - June 2025

Academic Achievements

- Maintained a GPA of 9.2/10, consistently achieving near-perfect scores.
- Awarded the First-Class Scholarship multiple times for outstanding academic performance.
- Recognized as an Outstanding Student Leader and contributed to an Advanced Class Collective.
- Excelled in university sports, securing 1st place in the 100m and 200m races at the annual sports meet.

HONORS & AWARDS

Research Project

GSplatLoc

GSplatLoc uses **3D Gaussian splatting** for efficient, accurate camera pose estimation, optimizing real-time performance.
- **GPU-accelerated** with a **deep rendering** pipeline.
- Achieved **leading accuracy** on Replica and TUM-RGBD datasets, outperforming SLAM and NeRF methods.
- Real-time applications for autonomous driving and AR.
Impact:
A groundbreaking solution that significantly improves localization and mapping efficiency.

Model Deployment

BoostFace

A **high-performance real-time face recognition system** powered by **FastAPI** and **CUDA acceleration** for high concurrency.
- **Streamlit** + **SCRFD** frontend for low-latency tracking.
- **Milvus** vector search for scalable, high-load scenarios.

Code For Good Hackathon

SupaFast

A **FastAPI & Supabase template** optimized for efficiency, integrated with CI/CD.
- Handles auth and CRUD automatically using **supabase-py**, Poetry, and GitHub Actions for deployment.