

ATTICUS ZHOU

CONTACT

Address

Southeast University Chengxian
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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

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English

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German

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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.