

Yinuo Zhang

☎ +1-631-245-8787
✉ yinuzhang@cs.stonybrook.edu

in /Yinuo-Zhang
🐙 /limboaz
🌐 limboaz.github.io

🎓 Education

Stony Brook University

BS Computer Science and Applied Mathematics, GPA 3.61

2017 – 2020

Stony Brook, NY

🔧 Experience

File Systems and Storage Lab

Research Assistant

Aug 2019 –

Stony Brook, NY

- Will be working on Strace2ds with Prof.Erez Zadok. The project can be found on fsl's homepage. Sponsored by NSF.

Tencent

SDE Intern

June 2019 – Aug 2019

Shenzhen, China

- Worked on a project that connects Tencent's financial management to banks directly, as part of the company's ERP system. The project is currently in production.
- Migrated the above monolithic Spring project to Tencent Finance's own microservice framework. The migrated service is currently under testing.

Stony Brook University

Undergraduate Teaching Assistant

Sept 2017 – May 2019

Stony Brook, NY

- Worked as Teaching Assistant for CSE215 (Discrete Mathematics) and CSE307 (Programming Languages).
- Taught recitations for a group of 30 students on course matter for CSE215.
- Responsible for holding office hours, Piazza question answering, exam and homework grading, etc.

CEWIT

Research Assistant

June 2017 – Sept 2017

Stony Brook, NY

- Worked on an Android app that takes audio and camera inputs then analyzes them to match specific users (two-factor authentication).
- Worked with Java NDK (with OpenCV), Google Vision API and Android Studio.
- A paper with me being the third author on the project is currently under review for ACM Transactions on Mobile Computing.

🔬 Projects

xv6

Course project for CSE306 (Operating Systems)

- A linux-like operating system with modifications and more features including memory/process/file management. Based on the MIT xv6, worked with C, gdb, Valgrind, assembly, QEMU.

StackTraceException

Course project for CSE356 (Cloud Computing)

- A fully functioning, scalable, distributed, and high concurrent StackOverflow clone, supporting most of the original StackOverflow features. Worked with MongoDB cluster, Cassandra cluster, ELK stack, nginx, NodeJS, Ansible, etc.

Prophet Wutang

Course project for CSE392 (Natural Language Processing)

- A predictor that can predict the released date of an input Hip-Hop song's lyric, with an accuracy of 60% and recall of 69%. Trained on over 10000 Hip-Hop songs with RNN, worked with TensorFlow, LDA Analysis and Genius API.

⚙️ Skills

Languages C, JAVA, Python, Javascript(NodeJS), OCaml

Others DevOps, Distributed Systems, Operating System, Linux, WebDev