

YIZHUO LIANG

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EDUCATION

New York University, College of Arts and Science, New York, NY
Bachelor's Degree, Computer Science and Mathematics
Current Junior, Overall GPA: 3.81

January 2021 - Present

EXPERIENCE

Distributed System Research Assistant, **New York University, NY**

June 2022 - Present

- Work in Professor Aurojit Panda's project on optimizing ZooKeeper atomic broadcast system
- Implement a primary-backup synchronization and leader election system with gRPC framework
- The whole functioning system implemented from scratch and tested in cloud environment with a research partner

Investment Research Intern, **ZB.com**, remote, China

August 2021 - October 2021

- Researched on more than 50 blockchain projects in several public chain ecosystems
- Summarized technology and smart contracts of blockchain projects to evaluate potentials
- Researched on decentralized storage ecosystems and analyzed competitors in the market

PROJECTS

Personal Website - Front End Development

September 2021 - Present

- Develop a personal website with React.js
- Constantly add new design and interaction features

3D Web-page Game Project

May 2021

- In a team of three, designed and programmed an original 3D game with JavaScript and WebGL
- Constructed logic, animation, controlling, UI, and gravity imitation systems, all encapsulated in classes

SKILLS

Programming and Computer Science

- Programming in C/C++, Golang, Java, and Python.
- Concurrent programming in Golang
- Implementing and testing distributed systems with gRPC framework
- Computer science basics of algorithms, operating systems, and assembly language
- Front end development with HTML, CSS, JavaScript, and React
- Data manipulation and visualization with Python

Softwares and Multimedia

- MS Office, Google Suite
- Graphic design with Photoshop and Illustrator, video editing with Final Cut Pro X and After Effects

INTERESTS

Photography and piano.