

Yi LIANG

yliang391@gatech.edu | (217) 953-1528 | mikephemera.github.io | [Linkedin.com/in/yi-liang-9675ba144](https://www.linkedin.com/in/yi-liang-9675ba144)

EDUCATION

Georgia Institute of Technology

Master of Science in Computer Science; GPA 4.0/4.0

Atlanta, Georgia

Dec 2025

University of Illinois at Urbana Champaign

Master of Science in Finance (STEM); GPA 3.9/4.0

Champaign, Illinois

May 2023

Minor Data Science, Concentration in Quantitative Finance

Harbin Institute of Technology

Bachelor of Economics; GPA 3.8/4.0

Harbin, China

July 2019

EXPERIENCE

University of Illinois at Urbana Champaign

Head Teaching Assistant (FIN584, FIN571, FIN500, BADM572, ACCY574, MBA562, CS439)

Champaign, Illinois

May 2022 - Present

- Assisted professors in Q&A sessions and managed course discussion forums.
- Supervised, mentored, trained, and performance managed teams of 10-20 Course Assistants for each course.
- Managed Salesforce tickets and other student queries, 20%~60% less tickets compared to previous semesters.

Alibaba Group

C++ Backend Engineer Intern (C/C++, Python, MySQL, Apache, Kafka, Redis, Qt)

Remote

Mar 2023 - Aug 2023

- Developer and maintenance support of Request for Quotation project, which is one important component of alibaba.com (overseas operation access point) under Alibaba Group.
- Contributed to the development of a push system using Content-Based Recommendations implemented from our internal model and resolving issues with cross-functional teams, including front-end, math, data, and QA team.
- Reduced bug tickets of RFQ by 60% through analyzing tickets, building a relevant help tool, and increasing pre-launch test coverage from 70% to 80%+.

Tencent

Data analyst Intern (Python, R, SQL, scikit-learn, Glmnet)

Shanghai, China

Mar 2021 - Aug 2021

- Collected 300+ customers' feedback and analyzed data through survey collection, intimately developing a website analytics report to provide promoting suggestions on advertising success and strategy.
- Delivered executive briefing of Tencent AI & IoT solutions to corporate customers.
- Hosted technical workshops of Tencent Cloud Services to 30+ front-line engineers.

CITIC Securities (Research Institute)

Industry Research

Guangzhou, China

Jul 2020 - Jan 2021

- Took great part in writing industry research reports of Hair, Angelalign, Anker and Xgimi.
- Performed simple market research (Angelalign vs Invisalign) to back up report during its IPO.
- Maintained and optimized database using Excel and Python.

SELECTED PROJECTS

Multi-threaded Getfile Server (C/C++)

Spring 2024

A multi-threaded pair of clients / server interact with each other using the customized GETFILE protocol. Combined with a distributed file system via gRPC framework. The client sends asynchronous requests to the server and updates its local file system accordingly.

Property Assessment Modeling in R

Spring 2022

Built a predictive model by testing 30+ variables with lasso, XGBoost, regression analysis, and cross-validation-approach to determine a fair market value; ranked top 3 in class.

HONORS

- Full scholarship for exchange studying in Germany by China Scholarship Council
- First Prize Scholarship at HIT 2018 and 2019

SKILLS

- Programming Languages: C/C++, Java, Python, R, JavaScript, SQL, HTML, CSS
- Tools/Frameworks: MySQL, AWS, Pytorch, Apache, Nginx, Git, Vim, GDB, Wireshark, Docker, NumPy