

**EDUCATION BACKGROUND****Guangdong University of Finance  
China****Guangdong,**B.Eng. in Computer Science and Technology, Minor: Finance  
09/2018-06/2022**GPA: 3.67/4.0 (Top 5%)****Courses:** Calculus | Computer Programming | Design and Analysis of Algorithms | Computer Network | Web Design | Data Structure | Data Mining**Honors & Awards:** National Encouragement Scholarship | Merit Student (3 times) | Outstanding Graduate Award | Excellent Communist Youth League Member | Excellent Class Assistant | The Stars of Self-improvement of Chinese College Students | Model Student (2018-2019) | Excellence Award, Software Development Contest**INTERN EXPERIENCE****LIZHI Inc.  
China****Guangdong,***Backend**Developer**Intern*

04/2021-07/2021

- Designed a web crawler in Java and Selenium to scrape 10,000+ pieces of data concerning the translations of Amazon products every day.
- Performed data cleaning and text mining on stored data to enrich the dataset.
- Assisted in the evaluation of machine translation algorithms in e-commerce, reaching an accuracy rate of 96%.

**PROJECTS****A Flask-based Job Posting Information Visualization System***Graduation Project*

01/2022-03/2022

- Employed Flask, Layui framework, and ECharts library to develop an interactive visualization system for job postings to help newly-graduated students gain a better sense of the job market.
- Visualized data from MySQL database by graphs and charts and colors to display job-related statistics such as majors, career fields, salaries, cities, etc.

**An Online Survey System***Undergraduate**Innovation**and**Entrepreneurship**Program*

10/2020-12/2020

- Aimed to develop an online survey system to attract users by awards and verify the authenticity of users' answers by retesting.
- Created a Python-based crawler to collect job openings on major Chinese job search websites and utilized machine learning algorithms to train a prediction model based on the data.
- Used Redis to achieve interface idempotence to prevent duplicate payment, and designed a retesting method via Redis, MySQL and MongoDB to ensure the authenticity of users' answers.
- Implemented distributed lock based on Redis to deal with high concurrency, and optimized the LIMIT clause in MySQL to decrease the pagination time from 1.5 second to 0.5 second.
- Attracted more than 100 users and won the provincial award.

**EXTRACURRICULAR ACTIVITIES****Dean's Office, School of Entrepreneurship Education, Guangdong University of Finance***Assistant*

11/2019-12/2020

- Responsible for collecting the information of students in work-study program and performing reimbursement work.
- Helped the dean and other teachers with daily affairs.

**University Student Union, Haojiang District***Vice President*

09/2019-01/2022

- Hosted book swap and charity events, and assisted the government in seeking volunteers.
- Managed all social media platforms (WeChat, Weibo, Bilibili, etc.) and prepared Blogs, Plogs and Vlogs for promotion purposes, gaining 3000+ followers in 6 months.

**School of Internet and Information Engineering, Guangdong University of Finance***Class Monitor*

09/2018-06/2022

- Organized on-campus events, including welcome party for incoming students, arts performances, sports competitions, ice breaker activities, etc.
- Worked as the assistant advisor to help 45 new students gain familiarity with the campus and support them in community building; significantly reinforced interpersonal skills and leadership.
- Helped the advisor with daily administrative affairs in the class.

# Xuanhua Lin

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## OTHERS

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**Technical skills:** Java, JavaScript, Python, MySQL, MS Office

**Languages:** Mandarin (Native), Cantonese (Native), English (TOEFL 91)

**Certificates:** Huawei Certified ICT Professional in Cloud Computing, Network Administrator, NCRE in MS Office