***Haoming Li***

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**EDUCATION**

**Emory University**, Atlanta, GA May 2024

*Master of Science in Computer Science, GPA: 3.96/4*

**Renmin University of China**, Beijing, China June 2022

*Bachelor of Science, Major in Data Science, GPA: 3.45/4*

*Bachelor of Economics, Major in Finance, GPA: 3.58/4*

**PROGRAMMING SKILLS**

Proficient in *Python, C, C++, MySQL, TensorFlow, PyTorch*

*Experienced with Docker, Tableau, PowerBI, Spark, Bash*

**EXPERIENCE**

***NLP Group*** | Atlanta, U.S. March 2023 – May 2024

*Undergraduate Research Assistant*

• Specialized in natural language processing, evaluating and enhancing large language models for improved accuracy. Optimized model ranking mechanisms, with results published at <http://arxiv.org/abs/2311.09136>.

* Conducted in-depth research and analysis in LLM-Planning, familiar with leading and cutting-edge planning strategies in the current market. A paper is under submitting.
* Attend a seminar each week to learn advanced papers and discuss new ideas.

***China Everbright Bank*** | Beijing, China July 2021 – May 2022

*Risk Control Intern*

* Contributed to the development of an advanced risk credit assessment model by constructing a heterogeneous graph using multiple relationships among approximately 100,000 entities, involving 900,000 relationships. Employed graph neural network algorithms to create a sophisticated credit evaluation framework, analyzing the contribution of various relationships in risk determination, thereby enhancing the accuracy and depth of financial analytics. Using Spark to finish the task.

***Laboratory for Information System Applications*** | Renmin University of China May 2021 – May 2022

*Undergraduate Research Assistant*

* Employed the weighted max-relevancy and min-redundancy, and feature covariance to select tens of features out of a total of hundreds of features, employed ablation study to further reduce the number of features.
* Constructed a large enterprise graph with enterprises as nodes and the investment and legal-representative relationship as edges, used knowledge about graph theory to generate node representations, and labeled edges using the node distance, and evaluated the credit risk propagation based on distances.

**PROGRAMMING PROJECTS**

***Python Code Visualization Tool,*** Renmin University of China April 2022

* Implemented a Python code visualization tool using Python and Javascript.
* Built a flow chart to show how the code runs and how the data changes.
* Visualized the process to the user.

***Score Inquiry System,*** Renmin University of China Nov 2020

* Implemented a course score inquiry system website from a design of database to the end-user website that handles complex queries to provide a more accurate assessment of student progress within the Canvas portal.
* Used Python, MySQL, and JavaScript, helped the students to obtain more specific information about their score.

**LEADERSHIP AND COMMUNITY ENGAGEMENT**

***Student Union*,** Beijing, China Sept 2018 – Oct 2019

* Contacted dozens of outside businesses to link up with the school to get discounts for on-campus students.
* Assisted in organizing major activities and events including the signature New Year’s Eve Party.
* Contacted several schools to co-organize freshmen’s dance party.
* Helped the School of Information with logistical preparations for the anniversary of the college.

**ADDITIONAL SKILLS AND INTERESTS**

***Global Mindset:*** Bilingual and Bi-cultural in English and Chinese

***Fine Arts:*** *Flute*

***Interests:*** Watching movies, Traveling, League of Legend, Cooking