

Chufeng Jiang

✉ cjiang@gradcenter.cuny.edu | ☎ +1-925-860-9229 | 🌐 github.com/Chufeng-Jiang

🌐 [in](#) [g](#) [h](#) [Homepage](#)

📍 365 Fifth Avenue, New York City, NY 10016, US

Education

—— Computer Science ——

The City University of New York	Ph.D in Computer Science	Sep. 2024 - Aug. 2029 (expected)	NY, US
<ul style="list-style-type: none">• <i>Research Area: Constraint Programming; Machine Learning for Combinatorial Optimization.</i>• <i>Advisor: Neng-Fa Zhou at Brooklyn College, CUNY.</i>			
University of Birmingham	M.Sc. in Computer Science	Sep. 2021 - Sep. 2022	Dubai, UAE
Nankai University	BEng in Computer Science and Technology	Sep. 2020 - Jun. 2023	Tianjin, CN

———— Business —————

San Francisco Bay University	MBA in Management	Sep. 2023 - Aug. 2024	CA, US
Oxford Brookes University	B.Sc. in Applied Accounting	Dec. 2014 - Sep. 2019	Oxford, UK
Hunan University	BMgt in Accounting	Sep. 2013 - Jun. 2017	Hunan, CN

Services

- Teaching
 1. Adjunct Lecturer at Hunter College, 2025-2029 (*Expected*)
 - *The course arrangement is currently being finalized.*
 2. Teaching Assistant for *Database Fundamentals* at University of Birmingham (Dubai), 2021-2022
- Program Committee
 1. AAAI'39 Undergraduate Consortium (2025)
- Reviewer
 1. The 5th International Conference on Electrical, Computer and Energy Technologies (2025)
 2. AAAI'39 Undergraduate Consortium (2025)
 3. Wiley - Association of Learned and Professional Society Publisher (2024);

Academic Posters

1. Chufeng Jiang, Raffi Khatchadourian. "Towards Combating Data Technical Debt in Machine Learning Systems: A Survey" AI@CUNY Workshop (Dec 2, 2024).

Publications

1. Xiong, Jize*, Chufeng Jiang*, Zhiming Zhao, Yuxin Qiao, Ning Zhang, Mingyang Feng, and Xiaosong Wang. "Selecting the Best Fit Software Programming Languages: Using BERT for File Format Detection." *Journal of Theory and Practice of Engineering Science* 4, no. 06 (2024): 20-28.
2. Qiao, Yuxin*, Keqin Li*, Junhong Lin, Rong Wei, Chufeng Jiang, Yang Luo, and Haoyu Yang. "Robust domain generalization for multi-modal object recognition." In *2024 5th International Conference on Artificial Intelligence and Electromechanical Automation (AIEA)*, pp. 392-397. IEEE, 2024.
3. Zhang, Ning, Jize Xiong, Zhiming Zhao, Mingyang Feng, Xiaosong Wang, Yuxin Qiao, and Chufeng Jiang. "Does My Opinion Count? A CNN-LSTM Approach for Sentiment Analysis of Indian General Elections." *Journal of Theory and Practice of Engineering Science* 4, no. 05 (2024): 40-50.
4. Feng, Mingyang, Xiaosong Wang, Zhiming Zhao, Chufeng Jiang, Jize Xiong, and Ning Zhang. "Enhanced Heart Attack Prediction Using eXtreme Gradient Boosting." *Journal of Theory and Practice of Engineering Science* 4, no. 04 (2024): 9-16.
5. Wang, Xiaosong, Yuxin Qiao, Jize Xiong, Zhiming Zhao, Ning Zhang, Mingyang Feng, and Chufeng Jiang. "Advanced network intrusion detection with tabtransformer." *Journal of Theory and Practice of Engineering Science* 4, no. 03 (2024): 191-198.
6. Zhao, Zhiming, Ning Zhang, Jize Xiong, Mingyang Feng, Chufeng Jiang, and Xiaosong Wang. "Enhancing E-commerce Recommendations: Unveiling Insights from Customer Reviews with BERTFusionDNN." *Journal of Theory and Practice of Engineering Science* 4, no. 02 (2024): 38-44.
7. Su, Jing, Chufeng Jiang, Xin Jin, Yuxin Qiao, Tingsong Xiao, Hongda Ma, Rong Wei, Zhi Jing, Jiajun Xu, and Junhong Lin. "Large language models for forecasting and anomaly detection: A systematic literature review." *arXiv preprint arXiv:2402.10350* (2024).
8. Xiong, Jize, Mingyang Feng, Xiaosong Wang, Chufeng Jiang, Ning Zhang, and Zhiming Zhao. "Decoding sentiments: Enhancing covid-19 tweet analysis through bert-rcnn fusion." *Journal of Theory and Practice of Engineering Science* 4, no. 01 (2024): 86-93.
9. Liu, Shun, Kexin Wu, Chufeng Jiang, Bin Huang, and Danqing Ma. "Financial time-series forecasting: Towards synergizing performance and interpretability within a hybrid machine learning approach." *arXiv preprint arXiv:2401.00534* (2023).

Research Experience

Research Assistant, Brooklyn College, City University of New York	<i>Apr. 2025 - Jun. 2029 (Expected)</i>	<i>NY, US</i>
<ul style="list-style-type: none">Using Picat to solve constraint problems in Graph Search.Exploring the potential of leveraging machine learning techniques to accelerate combinatorial optimization solvers.		
Research Assistant, Hunter College, City University of New York	<i>Sep. 2024 - Apr. 2025</i>	<i>NY, US</i>
<ul style="list-style-type: none">Conduct in-depth research to identify and analyze technical debt in machine learning systems, focusing on its origins, implications, and potential mitigation strategies.Utilize Java and advanced software engineering tools to address and mitigate the technical debt identified in machine learning systems, ensuring improved maintainability, scalability, and efficiency.Prepared an annotated bibliography for the reviewed papers, summarizing key findings, methodologies, and their relevance to addressing technical debt in machine learning systems.		

Work Experience

Co-funder, Sunset Oasis Information Consultant Center	<i>May. 2023 - Sep. 2023</i>	<i>Changsha, CN</i>
<ul style="list-style-type: none">Offer comprehensive taxation services tailored to the needs of individual business owners.Provid customized web application design solutions to meet the specific needs of trading companies.Offering personalized business services tailored to the unique requirements for clients.		
Assistant Finance Manager, CCECC Nigeria Limited	<i>Dec. 2017 - Oct. 2020</i>	<i>Abeokuta, NG</i>
<ul style="list-style-type: none">Worked directly with local Governmental Office Manager to ensure projects' processes run smoothly and efficiently.Maintained a collaborative partnership with the CFO and subcontractors, playing a critical role in driving projects success and financial stability.Served as a pivotal link between divisional operations and strategic oversight, ensuring seamless administrative coordination and performance excellence across multiple divisions.Performed and review monthly variance analysis including identifying key drivers, working closely with internal/external partners, highlighting trends and analyzing causes of unexpected variances.		
Accountant, CRJE East Africa (Kenya) Limited	<i>Oct. 2017 - Dec. 2017</i>	<i>Nairobi, KE</i>
<ul style="list-style-type: none">Assisted with ensuring day to day transactions and related financial statements are in compliance with generally accepted accounting principles.Completed all assigned activities as part of the month end close process; reconcile all assigned accounts on a monthly basis; research and fix any outstanding variances.Assisted with interim and year-end audit work.Claimed Withholding Tax and VAT.		
Accountant, Shangdong Highway Co., Ltd (Ethiopia Branch)	<i>Jul. 2017 - Oct. 2017</i>	<i>Addis Ababa, ET</i>
<ul style="list-style-type: none">Prepare monthly Balance Sheet Reconciliation.Reconcile monthly Accounts Payable, Accounts Receivable and Fixed assets.Record necessary BS and IS General Ledger Journal Entries.Create reports and cash flow spreadsheets for senior management.		

Honors and Awards

Awards
<ul style="list-style-type: none">Outstanding Student Award, <i>Nankai University</i>, Nov. 2021.The First Prize, Outstanding Paper on Construction Finance and Taxation, <i>China Association of Construction Enterprise Management</i>, Nov. 2018.The Second Prize, Outstanding Accounting Paper, <i>China Railway Construction Corporation Limited</i>, Nov. 2018.

Scholarships and Fellowships

<ul style="list-style-type: none">Graduate Center Fellowship, <i>The City University of New York</i>, Sep. 2024 - Sep. 2029.Presidential Scholarship, <i>San Francisco Bay University</i>, Sep. 2023.Chancellor's Academic Merit Scholarship, <i>University of Birmingham</i>, Sep. 2021.Outstanding Individual Student Scholarship, <i>Hunan University</i>, Sep. 2015.The Second Prize Scholarship, <i>Hunan University</i>, Sep. 2014.
