

Yuting Chen

cheny22@lsbu.ac.uk

Room 510, Tower Block, London South Bank University, SE1 0AA

Personal Profile

With interdisciplinary backgrounds in **Construction Project Management** (PhD), **Finance** (CFA), and **International Business Law** (PGCert), I have been teaching and conducting research as a **Senior Lecturer** in Construction Project Management in **London South Bank University**. My research is focused on Contract Management, Dispute Resolution, Procurement, and Project Governance in Construction Projects. I am now exploring how to use **Natural Language Processing (NLP) in Contract Management** based on the collected **400+ FIDIC** contract documents of infrastructure projects from **74** different countries for creating automatic contract drafting and review system.

I have been providing **consulting services** to the construction industry, including contract drafting, claim management (especially for Chinese main contractor companies), and dispute resolution; providing **trainings course** for the industry related to contract management in the construction project (**FIDIC Certified Trainer of Fundamental Construction Contracts V2**).

Education

<i>Nov 2024-Apr 2026</i>	Royal Institution of Chartered Surveyors (RICS) <ul style="list-style-type: none">• Diploma in Adjudication in the Construction Industry
<i>Jan 2023-Dec 2024</i>	PGCert in University of West London <ul style="list-style-type: none">• Academic Professional Apprenticeship (Level 7)
<i>Sep 2016-Jan 2020</i>	PhD in Tianjin University in China <ul style="list-style-type: none">• Major in Construction Project Management
<i>Jan 2018-Jan 2020</i>	PGCert in China University of Political Science and Law <ul style="list-style-type: none">• Major in International Business Law with Online learning
<i>July 2018-Mar 2019</i>	Affiliate PhD Student in University College London <ul style="list-style-type: none">• Bartlett School of Construction and Project Management
<i>Sep 2014-July 2016</i>	MSc in Tianjin University in China <ul style="list-style-type: none">• Major in Construction Project Management
<i>Feb 2013-July 2013</i>	Exchange Student in National Taiwan University in Taiwan <ul style="list-style-type: none">• Major in Management of Information System
<i>Sep 2010-July 2014</i>	BSc in Dalian University of Technology in China <ul style="list-style-type: none">• Major in Management of Information System

Employment

<i>Feb 2023-Present</i>	Senior Lecturer of Construction Project Management in School of the Built Environment and Architecture in London South Bank University
<i>Jan 2020-Jan 2023</i>	Lecturer of Construction Project Management in School of the Built Environment and Architecture in London South Bank University <ul style="list-style-type: none">• Module leader of Project Management, Construction Planning, Production Management, Leadership for Zero Carbon• Nominated in the Education Awards by students, was invited as a keynote speaker in two education conferences due to creative teaching methods with kits• Supervised 30+ MSc students and now supervising 6 PhD students
<i>Aug 2021-Present</i>	Programme Director of MSc Construction Project Management (Accredited by CIOB, RICS, APM) in LSBU <ul style="list-style-type: none">• Restructured and revalidated the programme, successfully got the programme reaccredited by RICS, APM and CIOB in 2024 and 2022 separately
<i>March 2023-Present</i>	Early Career Researcher (ECR) Rep of the BEA School in LSBU <ul style="list-style-type: none">• Plan and organize ECR events on both school and university levels

Sep 2022-Present **EDI Lead of CPS Division in LSBU**
Sep 2022-Present **Member of School Ethical Panel in LSBU**

Employment as External Examiner

Oct 2023-Oct 2027 School Assessment Board **External Examiner** for the **Civil Quality and Project Management** in The University of the West of Scotland

- Provide impartial and independent advice on degree awarding body's standards
- Confirm the mark, grade and decision for each student on each module

Sep 2024-Sep 2028 **External Examiner** for the **MSc Project Management in Regent's University London**

- Provide impartial and independent advice on degree awarding body's standards
- Provide assurance of assessments design, confirm the mark, provide feedback

Trainings

March-May 2022 **Diversifying Leadership Programme from AdvanceHE**
Sep 2022 **Professional Development Course for External examiners from AdvanceHE**

Funding Details (Applications as PI)

£5,778 in 2024 **LSBU Expanding Global and National Reach Funding**
LSBU-UCL-TJU Joint Research Partnership on Developing the Interplay between Contractual and Relational Governance under Different Cultures for improving Construction Project Management

£60,000+ for a fully funded PhD Studentship in 2023 **Automated Detection of Contractual Risk Clauses in Construction Projects by using Natural Language Processing**
Director of the supervision team for the PhD student and PI for this project. The PhD student has started in Jan 2024 for this funded PhD project and will be using NLP (very important topic in AI and ML) in Contract Management based on the collected 400+FIDIC contract documents from 88 countries.

£1,500 in 2022 **NLP in Contract Management in Construction Projects**
£1,500 in 2022 **Expectations from Industry for CPM graduates (MSc Construction Project Management Programme Restructure)**

£3,000 in 2021 **Interplay between Contractual and Relational Governance in Construction Projects**

£2,500 in 2020 **Teaching Kits for Creative Game based Teaching**
£39,547 submitted in Sep 2023 as **PI**, **Unsuccessful Bid** **LSBU-UCL-TJU Joint Research Partnership on Developing the Interplay between Contractual and Relational Governances under Different Cultures for facilitating One Belt One Road projects**

Publications and Editor Experience

Journal Papers:

[1] Gao, Y., Gan, Y., **Chen, Y.**, & Chen, Y. (2024). Application of large language models to intelligently analyze long construction contract texts. *Construction Management and Economics*, 1–17.

<https://doi.org/10.1080/01446193.2024.2415676>

[2] Yao, H., **Chen, Y.**, & Tang, Y. (2023). Contract Violations in the Construction Projects: How Contractual Obligations are Reached Affects Contractual and Reputational Enforcement. *IEEE Transactions on Engineering Management*, 2023, doi: 10.1109/TEM.2023.3257883.

[3] Tang, Y., Chen, Y., Yao, H., & **Chen, Y.** (2023). When does control curb opportunistic behaviour: evidence from the construction industry. *Production Planning & Control*, 1-15.

[4] Lai, J., Chen, Y., **Chen, Y.**, & Fu, Y. (2023). Make, buy, or ally?—A configurational approach to governance choices in vertical expansion. *Strategic Change*.

[5] **Chen, Y.**, Chen, Y., Smyth, H., & Fu, Y. (2021). Enforcement against contract violation in Chinese construction projects: impacts of trust and perceived intentionality. *Construction management and economics*, 39(8), 687-703.

- [6] Wang, Y., Chen, Y., Wang, W., **Chen, Y.**, & Jin, M. (2019). Revisiting the relationship between contract governance and contractors' opportunistic behavior in construction projects. *IEEE Transactions on Engineering Management*, 69(6), 2517-2529.
- [7] Yao, H., Chen, Y., **Chen, Y.**, & Zhu, X. (2019). Mediating role of risk perception of trust and contract enforcement in the construction industry. *Journal of construction engineering and management*, 145(2), 04018130.
- [8] **Chen, Y.**, Chen, Y., Liu, Z., & Yao, H. (2018). Influence of prior ties on trust in contract enforcement in the construction industry: Moderating role of the shadow of the future. *Journal of Management in Engineering*, 34(2), 04017064.

Conference Papers:

- [1] **Chen, Y.**, *, Fang, Z., Wu, Y., Ebohon, O., Jin, R., The comparisons of different image classification models in facility management in the construction industry in the UK, CONVR2022: The 22nd International Conference on Construction Applications of Virtual Reality, Seoul, South Korea, 16-19, Nov 2022. **Yuting Chen** has attended and presented the paper in the conference in Seoul in 2022.
- [2] Ayeni, R., Udejaja, C., Fong, D., **Chen, Y.**, A Risk Analysis of Construction Projects Delay Factors in the United Kingdom. International Conference on the Leadership and Management of Projects in the digital age, Bahrain, 27-28 Nov 2022.
- [3] Seidu, R., Allen, M., Jin, R., **Chen, Y.**, Young, B., Ebohon, O., Construction Infrastructure Project Cost Overrun and Control/Management, 16th Built Environment Conference, 27-28 September 2022.
- [4] **Chen, Y.**, *, Wu, Y., Hajikazemi, S., Yao, H., Ebohon, O., To be or not to be: why do transaction partners in construction industry avoid formulating agreements into contract documents? CIB Conference, Melbourne, Australia, 27-30 June 2022. **Yuting Chen** has attended and presented the paper in the conference in Melbourne in 2022.
- [5] Madanayake, U., Ayinla, K., **Chen, Y.**, Gaining Competitive Advantage through BIM: Strategic Positioning of BIM. IDoBE International Conference, Online, 22-23 November 2021.
- [6] Ayeni, R., Udejaja, C., Fong, D., **Chen, Y.**, A Systematic Review of Construction Scheduling Methods: Trends, gaps, and potential research areas. IDoBE International Conference, Online, 22-23 November 2021.
- [7] **Chen, Y.**, *, Cui, W., Yang, G., Deriving Consumer Behavior Differences between China and America by Mining Consumer Reviews. In Proceedings of 2014 Internal Symposium of Knowledge and Systems Science Annual (KSS) Conference, Sapporo, Japan, November 1-3, 2014, 37-45. **Yuting Chen** has attended and presented the paper in the conference in Sapporo in 2014.

Book Chapter

- [1] One chapter titled "Strategies for Digital Built Asset Management" in 2024.

Editor Experience

- [1] **Editor** for the special issue "Digital Twins in Construction Projects" for *Buildings* in 2023-2024.
- [2] **Editor** for the special issue "Governance Dynamics in Construction Projects in the Face of Disruptive Events" for *Frontiers in Built Environment* in 2023-2024.