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- POMS 2021, Virtual [5] *May 2021*
- UCSD Stochastic Systems Seminar, Virtual [1],[4] *April 2021*
- IJCAI-PRICAI 2020, Japan [5] *Jan 2021*
- 2020 INFORMS Conference on Service Science [3] *Dec 2020*
- INFORMS Annual Meeting, Virtual [1] *Nov 2020*
- MD4SG'20 Poster Presentation [3] *Aug 2020*
- INFORMS Annual Meeting, Seattle, WA [3] *Oct 2019*
- INFORMS Annual Meeting, Phoenix, AZ [3] *Nov 2018*

#### HONORS AND AWARDS

- Finalist, INFORMS Conference On Service Science, Best Service Science Student Paper *2021*
- Booth School of Business Ph.D. Fellowship *2018–2023*
- Distinguished Undergraduate Thesis Award, Tsinghua University *2018*
- Outstanding Undergraduate Award, Tsinghua University *2018*
- Tung OOCCL Scholarship, Weiming Zhang Scholarship *2015–2017*
- Student Overseas Research Grant *2017*
- First Prize, Chinese Physics Olympiad *2016*

#### TEACHING EXPERIENCE

##### **The University of Chicago Booth School of Business** Teaching Assistant (MBA Program)

BUSN 41100: Applied Regression Analysis (MBA) *Fall 2020, Fall 2021*

- 200+ registered students across three sections.
- Assisted students with R in weekly office hours, and held weekly R sessions.

BUSN 40000: Operations Management: Business Process Fundamentals (MBA) *Winter 2020*

- 200+ registered students across three sections.
- Independently held two review sessions, and prepared midterm and final exam questions.

BUSN 40110: Managing Service Operations (MBA) *Winter 2022*

- 80+ registered students across two sections.
- Assisted students with homework questions in weekly office hours, and mentored students on developing case materials in collaboration with multiple companies for the final project.
- Independently held a final review session.

#### Quotes from course evaluations:

*“The review sessions by the TA were incredibly helpful.”*

*“The review sessions were also VERY helpful. I wish I had realized these were happening earlier in the quarter.”*

*“The individual concept check could sometimes be challenging, however the TA sessions have been great help for those.”*

*“Kudos for having the TA lead an in-depth review session each week – I found them very helpful.”*

*“The TA sessions were very very helpful.”*

*“The TA was fantastic with extra help hours and really helped to drive home the learnings.”*

INDUSTRY	<b>Pinterest Labs</b>	Remote
EXPERIENCE	Research Intern, Ads Marketplace team	<i>June 2021–Sept 2021</i>
	<ul style="list-style-type: none"> <li>Designed and implemented a causal reinforcement learning algorithm to dynamically control the ad load leading to over 30% improvement in the yearly ad revenue from offline evaluation.</li> </ul>	
	<b>Blue Fire Capital, LLC</b>	Chicago, IL
	Research Intern, Data Science Group	<i>July 2019–Sept 2019</i>
	<ul style="list-style-type: none"> <li>Developed a reinforcement learning based trading strategy, which passed the firm’s backtest with a Sharpe ratio above 3 and tripled the cumulative PnL over one month; see [5] for reference.</li> </ul>	
	<b>DiDi</b>	Beijing, China
	Research Intern, Research Center of Innovation and Operations	<i>Jan 2018–July 2018</i>
	<ul style="list-style-type: none"> <li>Built a theoretical queueing model to explain the firm’s strategy transition from the surge pricing mechanism to the virtual queueing mechanism, which improves the passenger request fulfillment rate by 30.6% based on a large-scale data with 10M+ users; see [3] for reference.</li> </ul>	
SERVICE	<b>Ad-hoc Reviewer:</b> <i>Operations Research, Mathematics of Operations Research, Operations Research Letters, Service Science, ICSS</i> <b>Conference organization:</b> Session chair–INFORMS Annual Meeting 2021, INFORMS CORS 2022. <b>Mentoring:</b> Awaid Yasin (Master student, the University of Chicago Division of Social Sciences). <b>Others:</b> Tutor MBA students at Chicago Booth in the operations management specialization.	
SELECTED PHD COURSES	Linear Programming, Convex Optimization, Infinite Dimensional Optimization, Dynamic Programming, Approximate Dynamic Programming, Stochastic Optimization, Online Optimization, Real Analysis, Measure-Theoretic Probability I, III, Stochastic Processes, Brownian Motion and Stochastic Calculus, Queueing Theory, Dynamic Control of Stochastic Networks, Stochastic Calculus and Queueing Applications, Queueing Models for Service Operations Management, Networks: Introduction to Modeling and Analysis, Machine Learning, Statistical Inference, Foundations of Advanced Quantitative Marketing, Microeconomics I, II, Macroeconomics.	
SKILLS AND OTHERS	<b>Language:</b> Chinese (native), English (fluent) <b>Data/Statistical Tools:</b> R, SQL <b>Optimization Tools:</b> CPLEX, GUROBI, AMPL <b>Programming Language:</b> Python, C/C++, JAVA <b>Hobbies:</b> Piano, Yoga, Sketch, Calligraphy, Traveling, Photography	
REFERENCES	Professor <b>Amy R. Ward</b> The University of Chicago Booth School of Business 5807 S Woodlawn Ave Chicago, IL 60637 E-mail: <a href="mailto:amy.ward@chicagobooth.edu">amy.ward@chicagobooth.edu</a>  Professor <b>John R. Birge</b> The University of Chicago Booth School of Business 5807 S Woodlawn Ave Chicago, IL 60637 E-mail: <a href="mailto:John.Birge@chicagobooth.edu">John.Birge@chicagobooth.edu</a>  Professor <b>Raga Gopalakrishnan</b> Queen’s University Stephen J.R. Smith School of Business 143 Union Street West Kingston, ON K7L 3N6, Canada E-mail: <a href="mailto:r.gopalakrishnan@queensu.ca">r.gopalakrishnan@queensu.ca</a>	