Yelie Yuan

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EDUCATION	**Ph.D. in Statistics**	*August 2020 – December 2023*
	University of Connecticut (UConn)	Storrs, CT
	Advisor: Dr. Jun Yan	
	M.S. in Applied Financial Mathematics	*January 2019 – May 2020*
	UConn	Storrs, CT
	B.Econ. in Finance	*August 2011 – June 2015*
	Zhengzhou University	Zhengzhou, China
POSITIONS	**JPMorgan Chase & Co.**	*January 2024 – Present*
	CCB Risk Program Associate	Wilmington, DE
	Department of Statistics, UConn	Storrs, CT
	Webmaster	*August 2021 – August 2023*
	Zhongyuan Bank Co., Ltd., Zhengzhou Branch	Zhengzhou, China
	Assistant Data Analyst	*November 2017 – May 2018*
	Bank Clerk	*January 2016 – October 2017*
	Account Manager Intern	*July 2015 – December 2015*

SOFTWARE	**Yuan, Y.**, Wang, T., Yan, J., Zhang, P. (2023). *wdnet*: Weighted and directed networks. R package on CRAN, https://cran.r-project.org/web/packages/wdnet/index.html; Python package under development, https://github.com/Yelie-Yuan/wdnet-python

HONORS & AWARDS	Honorable mention for the John M. Chambers Statistical Software Award	*2023*
	Summer Fellowship, Department of Statistics, UConn	*2023*
	Service Award, Department of Statistics, UConn	*2022*
	Pre-Doctoral Fellowship, Department of Statistics, UConn	*2022*

COMPUTER SKILLS	R, Python, C++, MySQL, HTML, CSS, LaTeX, Git

EXAMS	Completed CFA Level I (2019), FRM Part I (2020), Society of Actuaries Financial Mathematics (2019) and Probability (2020) exams

SERVICE	IT Volunteer, New England Statistical Society	*August 2021 – August 2023*

POSTER	Generating directed networks with predetermined assortativity measures. Excellence in Statistical Science, University of Connecticut, Storrs, CT. October, 2022.

PUBLICATIONS	**Yuan, Y.**, Wang, T., Yan, J., Zhang, P. (2023). Generating general weighted and directed preferential attachment networks with R package wdnet. *Journal of Data Science*, 21(3):538-556.
	Wang, T., Yan, J., **Yuan, Y.**, Zhang, P. (2022). Generating directed networks with predetermined assortativity measures. *Statistics and Computing*, 32:91.
	Yuan, Y., Yan, J., Zhang, P. (2021). Assortativity measures for weighted and directed networks. *Journal of Complex Networks*, 9(2):cnab017.

UNDER REVIEW	**Yuan, Y.**, Yan, J., Zhang, P. A strength and sparsity preserving algorithm for generating weighted, directed networks with predetermined assortativity measures.