

Daniel Vial

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Education	University of Michigan	<i>Ann Arbor, MI</i>
	<ul style="list-style-type: none">• Ph.D. Electrical Engineering: Systems• M.S. Electrical Engineering: Systems	Jan. 2020 (expected) Dec. 2017
	University of Iowa	<i>Iowa City, IA</i>
	<ul style="list-style-type: none">• B.S. Electrical Engineering, <i>with highest distinction</i>	Dec. 2014

Publications	Journal papers	
	<ul style="list-style-type: none">• D. Vial, V. Subramanian, “On the role of clustering in Personalized PageRank estimation.” [Accepted to <i>ACM Trans. on Modeling and Performance Evaluation of Computing Systems</i> (TOMPECS)]• D. Vial, V. Subramanian, “A structural result for Personalized PageRank and its algorithmic consequences,” <i>Proc. ACM on Measurement and Analysis of Computing Systems</i> (POMACS), June 2019.	
	Conference proceedings	
	<ul style="list-style-type: none">• D. Vial, V. Subramanian, “Local non-Bayesian social learning with stubborn agents,” 2019 ACM Conf. on Economics and Computation (EC). [Abstract]• D. Vial, V. Subramanian, “A structural result for Personalized PageRank and its algorithmic consequences,” 2019 ACM SIGMETRICS. [Abstract]• D. Vial, V. Subramanian, “Towards fast algorithms for estimating Personalized PageRank using commonly-generated random walks,” 2016 Allerton Conference. [Abstract for invited talk by V. Subramanian]	
	Preprints	
	<ul style="list-style-type: none">• D. Vial, V. Subramanian, “Restart perturbations for lazy, reversible Markov chains: trichotomy and pre-cutoff equivalence,” arXiv:1907.02926.	

Presentations	“Restart perturbations for lazy, reversible Markov chains”	
	<ul style="list-style-type: none">• Seminar at Ohio State University	October 2019
	“Local non-Bayesian social learning with stubborn agents”	
	<ul style="list-style-type: none">• ACM Conf. on Economics and Computation (EC)	June 2019
	“A structural result for Personalized PageRank and its algorithmic consequences”	
	<ul style="list-style-type: none">• ACM SIGMETRICS• Midwest Machine Learning Symposium at University of Chicago• Conference on Data Science for Business and Economics at Purdue	June 2019 June 2018 May 2018

Awards	Midwest Machine Learning Symposium – Poster Award (top 3 of 50+)	June 2018
	Michigan Student Symposium for Statistical Sciences – Best ECE Poster	Apr. 2018
	Michigan Institute for Data Science Symposium – Most Interesting Method	Oct. 2017
	University of Michigan ECE Department – First-year Ph.D. Fellowship	Sep. 2015
	University of Iowa – President’s List	May 2011 – Dec. 2014

Internships	Apple, Field Diagnostics Engineering	<i>Sunnyvale, CA</i>
	<ul style="list-style-type: none"> • Electrical Engineering / Machine Learning Intern 	Jan. 2015 – Aug. 2015
	<ul style="list-style-type: none"> • Electrical Engineering Intern 	June 2013 – Dec. 2013
	John Deere, Electronic Solutions	<i>Fargo, ND</i>
	<ul style="list-style-type: none"> • Electrical Engineering Intern 	June 2012 – Aug. 2012
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Teaching	University of Michigan	<i>Ann Arbor, MI</i>
	<ul style="list-style-type: none"> • Graduate Student Instructor, <i>Analysis Societal Networks</i> 	Sep. 2019 – Dec. 2019
	<ul style="list-style-type: none"> • Graduate Student Instructor, <i>Analysis Societal Networks</i> 	Sep. 2018 – Dec. 2018
	University of Iowa	<i>Iowa City, IA</i>
	<ul style="list-style-type: none"> • Teaching Assistant, <i>Control Systems</i> 	Jan. 2014 – May 2014
	<ul style="list-style-type: none"> • Teaching Assistant, <i>Principles Electronic Instrumentation</i> 	Jan. 2013 – May 2013
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Service	Reviewer for:	
	<ul style="list-style-type: none"> • IEEE Transactions on Information Theory 	
	<ul style="list-style-type: none"> • Random Structures and Algorithms 	