

Samsara Counts

Curriculum Vitae

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📍 Washington, DC
🏠 samsaranc.github.io
☎ +1 817 994 9732
✉ samsaranc@gmail.com
🌐 samsaranc

Education

May 2019 B.S. in Computer Science and Mathematics George Washington University

Positions

Microsoft Research | *Intern* | Summer 2018

University of Maryland College Park | *Researcher* | Summer 2017

- Did research with John P. Dickerson funded by the National Science Foundation at the Combinatorics and Algorithms for Real Problems REU (7% acceptance rate)

GW Computer Science Department | August 2016 - December 2018

- Member, American Mathematical Society

Honors and awards

2018	Google Lime Scholarship	Google
2018	TOMODACHI Kakehashi Inouye Scholar	TOMODACHI Initiative, US-Japan Council
2018	NCWIT Collegiate Award, Honorable Mention	Natl. Center for Women in Information Technology
2018	Susan Shin Memorial Award	GW School of Engineering and Applied Science
2018	Quip Diversity in Tech Scholarship, Runner Up	Quip
2018	Academy of American Poets Poetry Contest, Honorable Mention	GW English Department
2017	Anita Borg Institute Grace Hopper Conference Scholar	AnitaB.org
2016	Summer Undergraduate Program in Engineering Research Fellowship	GW School of Engineering and Applied Science
2016	1 st Place, Citizen Day Poetry Contest	GW English Department

Research

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- My current research projects include forecasting electricity demand, forecasting large collections of time series, and strategies for improving forecasts through bagging and boosting.

Grants

2018	GW Undergraduate Research Award. "Multimodal Detection of Deviant Content Online". <i>Funding from the GW Office of the Vice President of Research.</i>	\$5000
2018	GW Data MASTER Fellowship. "Recognizing Images of Eating Disorders with Deep Learning". <i>Funding from the National Science Foundation.</i>	\$3000
2017	HackHarassment Grant. "A Research-based Hackathon to Combat Online Harassment". <i>Funding from Intel and the Born This Way Foundation.</i>	\$2000

Publications

Invited talks

- Belz lecture, *Forecasting and the importance of being uncertain*, Statistical Society of Australia, Melbourne, October 2006.
- *Recognizing Images of eating disorders with deep learning*, GW Dean's Council of Women in Technology, Washington, January 2018.
- Invited speaker, *Advances in automatic time series forecasting*, Australian Statistics Conference, Adelaide, July 2012.

Poster Presentations

- *Recognizing Images of Eating Disorders in Social Media*, GW Research Days, Washington, April 2018. **2nd Place for Best Engineering Poster**
- *Recognizing Images of Eating Disorders in Social Media*, GW SEAS R&D Showcase, Washington, February 2018. **Finalist for Best Undergraduate Poster (Theoretical)**
- *The Diverse Cohort Selection Problem*, GW SEAS R&D Showcase, Washington, February 2018. **Finalist for Best Undergraduate Poster (Theoretical)**

Teaching

2018	Introduction to Software Development	<i>Teaching Assistant</i>	George Washington University
2018	Discrete Structures II	<i>Learning Assistant</i>	George Washington University
2017	Introduction to Computer Science	<i>Learning Assistant</i>	George Washington University
2017	Algorithms and Data Structures	<i>Learning Assistant</i>	George Washington University
2016	Introduction to Computer Science	<i>Learning Assistant</i>	George Washington University
2015	8th Grade Chemistry	<i>Teaching Fellow</i>	Breakthrough Collaborative

Programming & Technology

- Invited speaker, *Advances in automatic time series forecasting*, Australian Statistics Conference, Adelaide, July 2012.

Membership of Associations

- Member, Association for Computing Machinery