My Interdisciplinary Research Experience
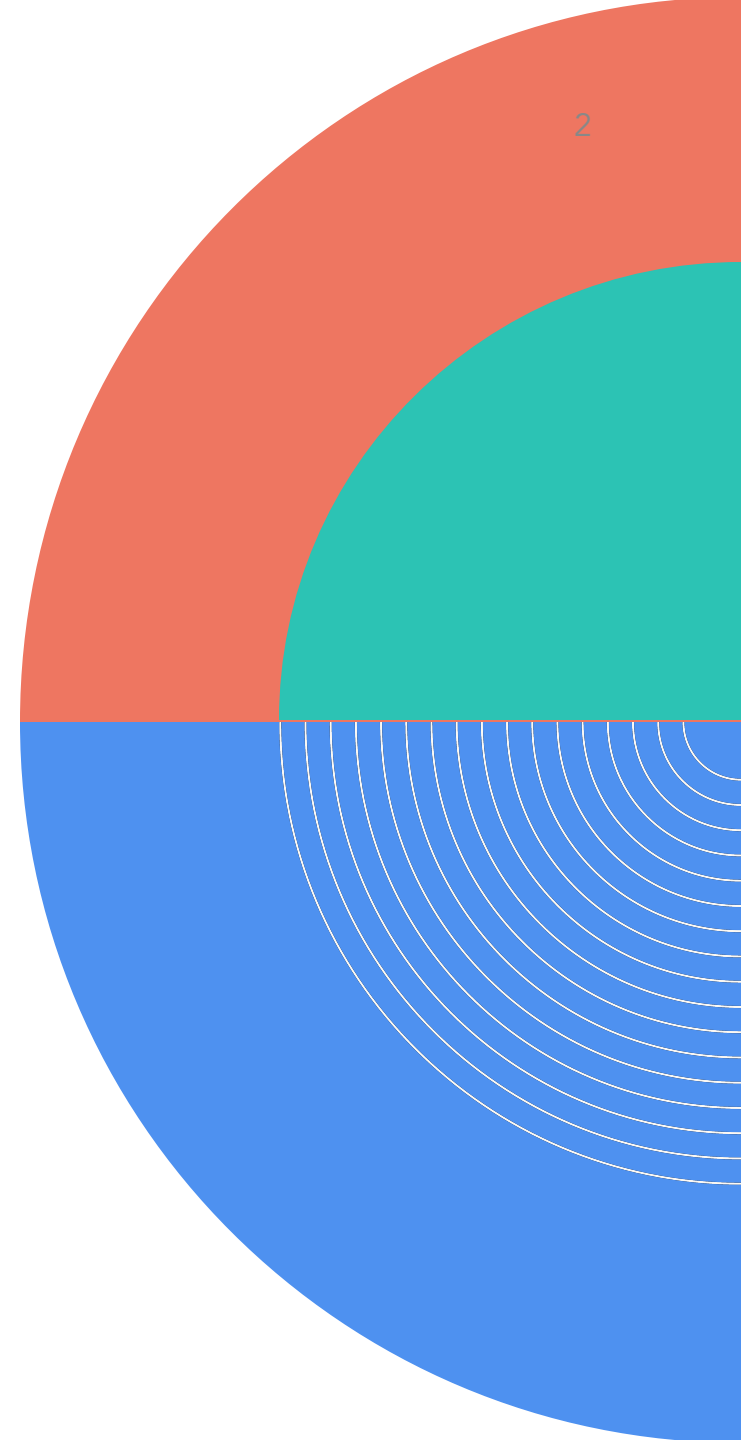
Rick Sear - 11/11/22

https://donlab.columbian.gwu.edu/

https://searri.github.io

About Me

- Class of 2021 Computer Science alum
- Took Bulusu's orientation class and later became an LA for it
- I work for GW on an interdisciplinary research team
  - Applied ML
  - Data management and analysis

My Story

| Summer 2018	Fall 2018	Summer 2019	Fall 2019	Spring 2020 - Present
Internship at DC-based cybersecurity firm	Joined Neil Johnson's research team	Research internship at Johns Hopkins	Switched research focus within team based on summer experience	Work on applied ML projects, publish papers, pursue interests
Met through student org	*Met at student-run research talk*	*Heard about via department email*		

What even is "research"?

- I write code to analyze or obtain data from social media
  - This differs wildly depending on the team
- Publications
  - GW student-run peer-reviewed journal: http://www.gwur.org/
- Many professors at GW work with undergrads (that's you!)
  - Entry skill level varies, but 90% of the time it's perfectly OK to learn on the job
- Stalk your profs - what have they published? What do they teach?
  - Skimming papers: read abstract, intro, then conclusion
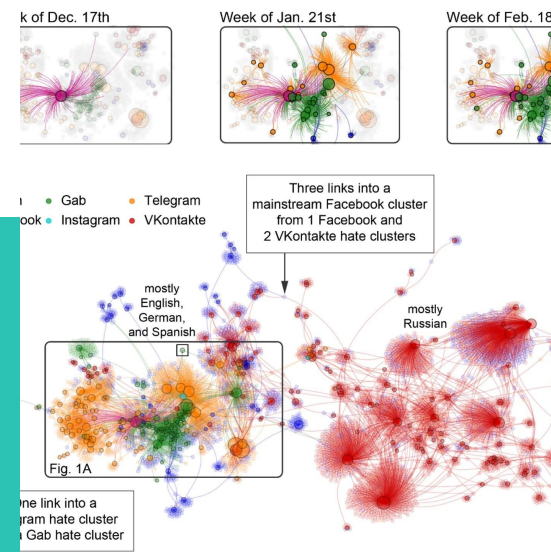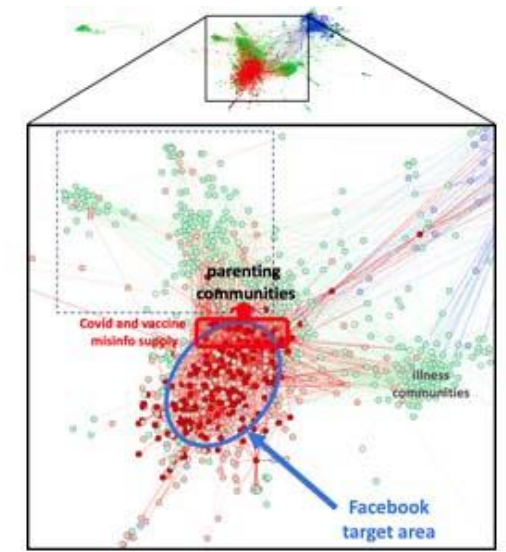
Notable Publications
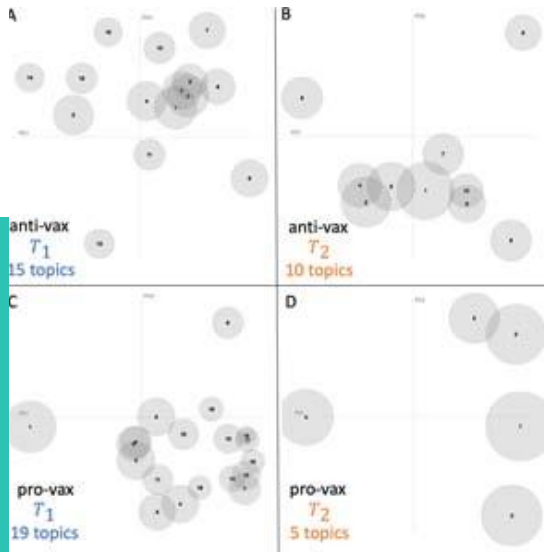
IEEE

May 2020
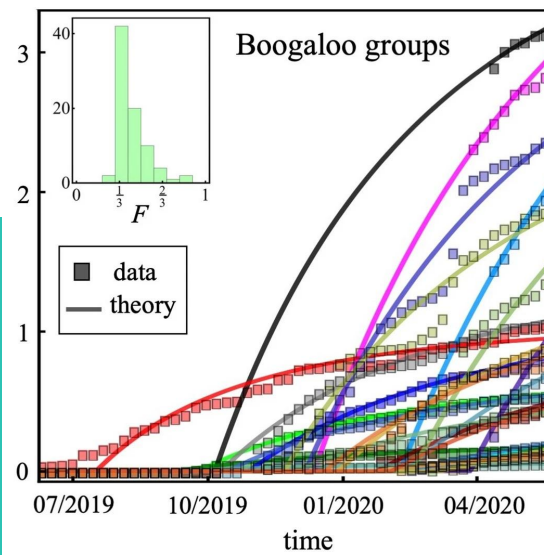
Nature Scientific Reports

May 2021

Nature Scientific Reports

June 2021

IEEE

December 2021

Thanks for listening!

Email me: searri@gwu.edu

DeepNote link