
PRACTICAL APPLICATIONS OF THE TWITTER API V2

BY ASPEN RUSSELL & JONATHAN CHANG



CORNELL CENTER FOR SOCIAL SCIENCES (CCSS)

The Cornell Center for Social Sciences provides a welcoming environment for everyone embracing all backgrounds or identities. All instructors and attendees agree to abide by our community norms. We encourage the following behaviors in our workshops:

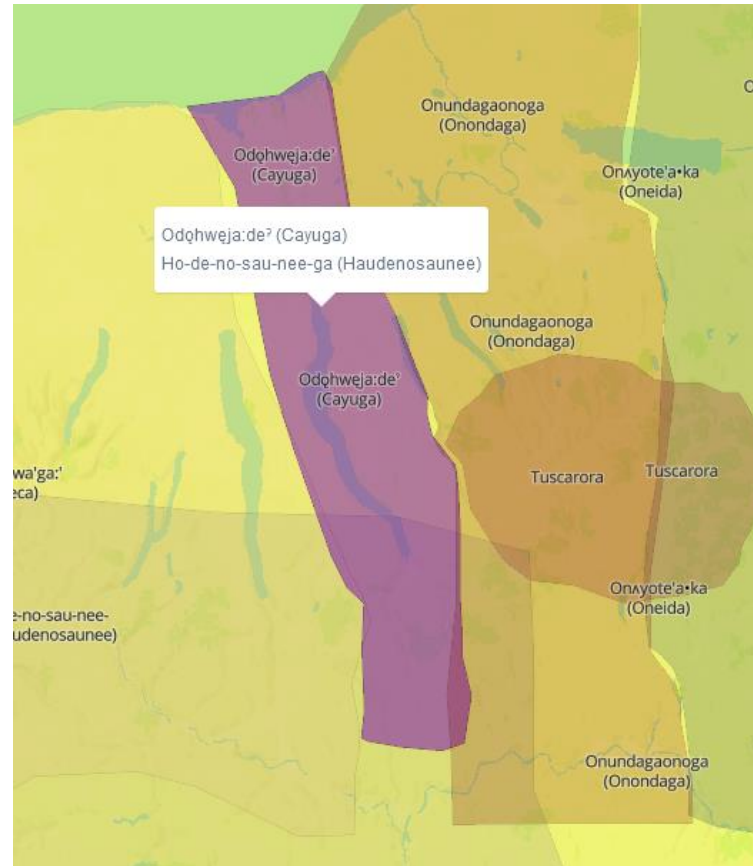
- Respect differing viewpoints and ideas
- Share your own perspectives and ask any questions
- Accept constructive criticism
- Use welcoming and inclusive language
- Show courtesy and respect for all instructors and attendees

If you believe that an instructor or attendee has violated the code of conduct, please report the violation to ccss-researchsupport@cornell.edu. We take all reported incidents seriously.

LAND ACKNOWLEDGEMENT

Cornell University is located on the traditional homelands of the Gayogohó:nq' (the Cayuga NatiCCSS-RS@cornell.eduon). The Gayogohó:nq' are members of the Haudenosaunee Confederacy, an alliance of six sovereign Nations with a historic and contemporary presence on this land. The Confederacy precedes the establishment of Cornell University, New York state, and the United States of America. We acknowledge the painful history of Gayogohó:nq' dispossession and honor the ongoing connection of Gayogohó:nq' people, past and present, to these lands and waters.

- American Indian & Indigenous Studies Program (AIISP), Cornell University



DDNRC's Spring 2022 Programming

Regaining Ground: Indigenous Issues and Difficult Dialogues in Higher Education

Featuring: Ayu Qassataq, Vice President, First Alaskans Institute

February 14, 2022
Noon - 1:30pm Alaskan/ 4-5:30pm Eastern
Register below!

Stop Talking: Indigenous Ways of Teaching, Learning, and Dialogue Podcast

Look for the recording in March

Stop Talking: Indigenous Ways of Teaching, Learning, and Dialogue Workshop

Featuring:
Ilarion Merculieff, Director, Global Center for Indigenous Leadership and Lifeways
Libby Roderick, Director, Difficult Dialogues Initiative, University of Alaska Anchorage

Late March - Early April

Presented by:

DDNRC Difficult Dialogues National Resource Center

UAA UNIVERSITY of ALASKA ANCHORAGE

Penn Arts & Sciences University of Pennsylvania

Here for more on the [history of Cornell's violent, colonial formation](#), [the movement to return native lands](#), and about the [AIISP program at Cornell](#).

ABOUT THE PRESENTERS:



Aspen Russell

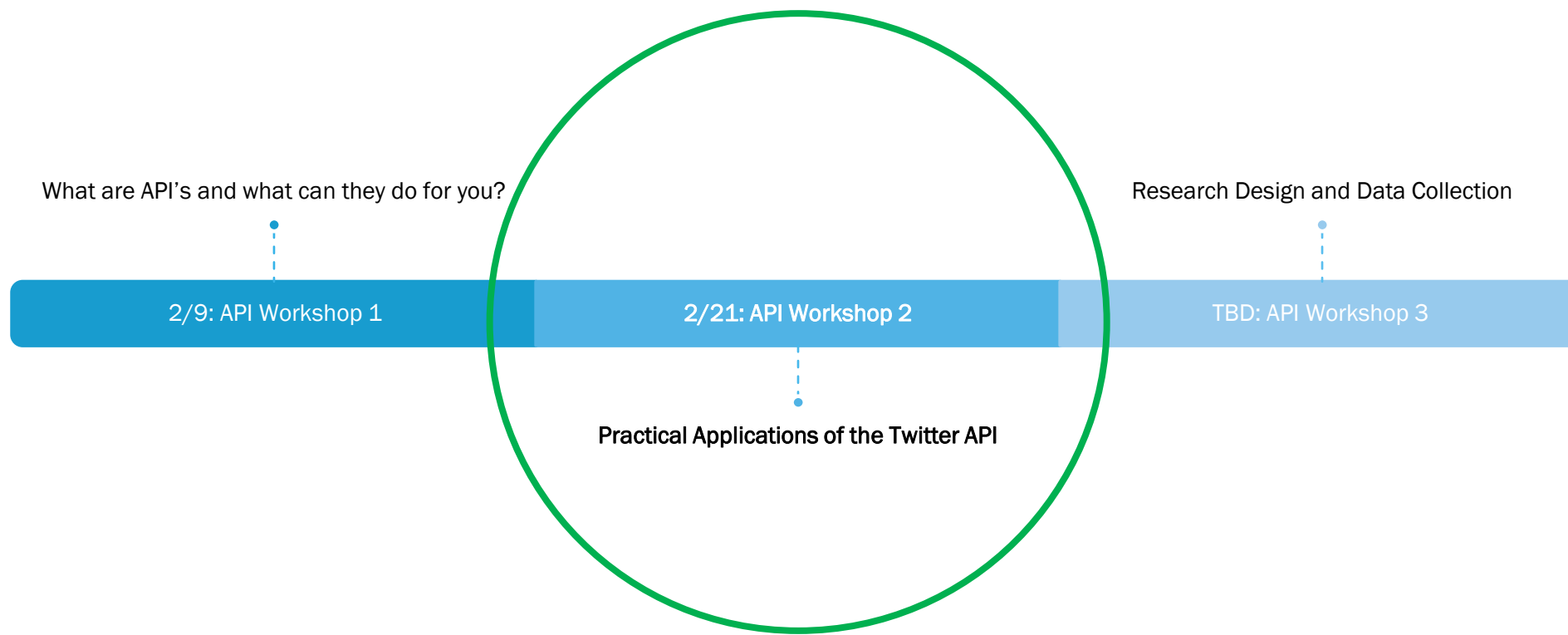
- PhD Student in Information Science
- Norms in Online Communities
- Hate speech, harassment, and misinformation
- Has worked with: Reddit, Twitter, Facebook, arXiv, YouTube, and more.
- Moonlights as a Dungeon Master



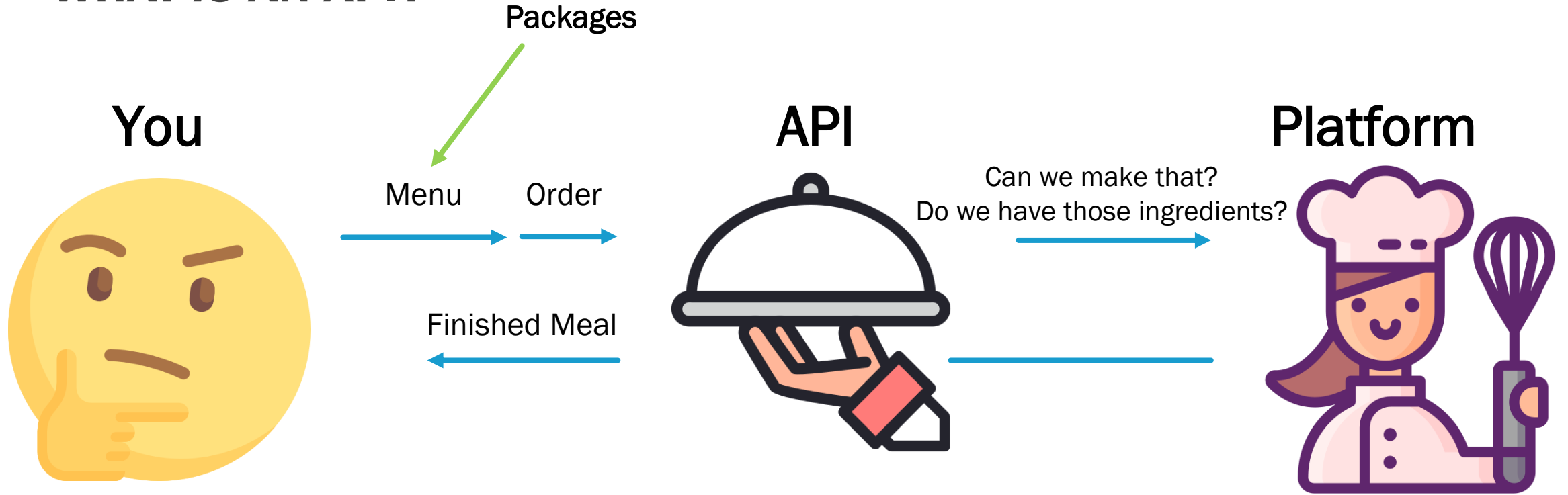
Jonathan Chang

- PhD Candidate in Computer Science
- Online content moderation
- Making online interactions healthier
- Has worked with: Reddit, Facebook, Wikipedia
- Slowly grinding the new level cap in Pokémon Go






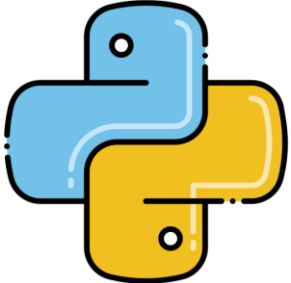
THE API WORKSHOP SERIES



WHAT IS AN API?

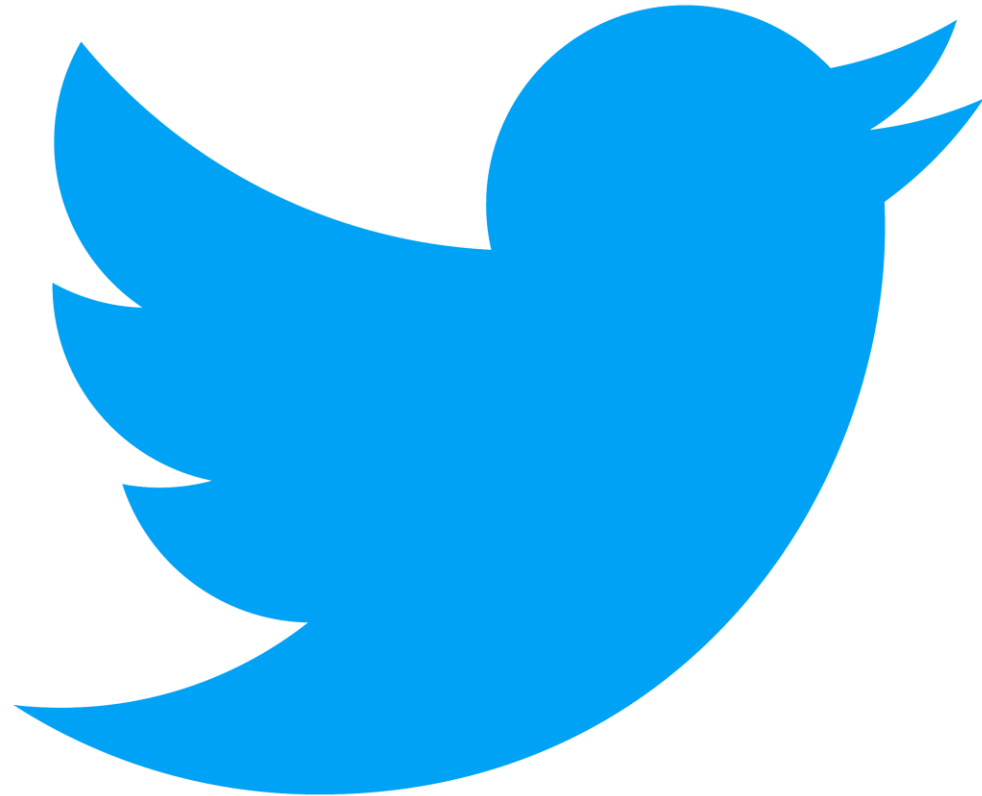


WHAT'S OUT THERE? PROGRAMMING PACKAGES/TOOLS

				
	RedditExtractoR	FORT API	academictwitteR	tubeR
	PRAW: The Python Reddit API Wrapper	FORT API	<u>search-tweets</u>	<u>python-youtube</u>

TWITTER API V2 OVERVIEW

- Full Archive Search (2006-Present)
- Higher tweet cap (10 million)
- More end points and filter options
- Conversation IDs
- Longer Queries
- Annotations (detect nouns based on domains)





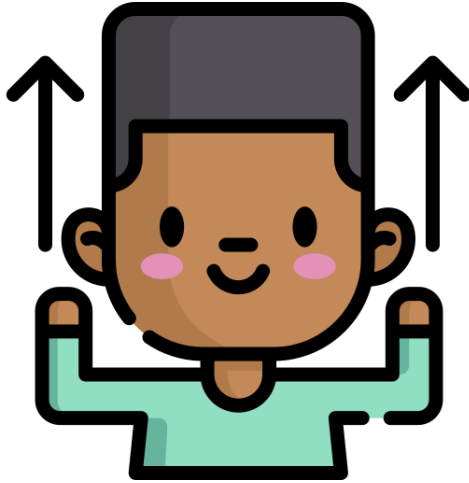
GOALS FOR TODAY

- Get Tweets
- Count Tweets
- User Tweets
- Conversation Threads
- Geo-Tagged Tweets
- User Look Up
- Advanced Queries



LET'S PRACTICE!
(BREAKOUT ROOMS)

SUMMARY OF LEARNING OBJECTIVES



Learned how to use a programming IDE (Rstudio or Python environment)



Used a programming package to interface with an API and get
****DATA!****



Inspected the output data and discussed potential use cases for your work



Q&A

(THANK YOU!)

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ATTRIBUTIONS

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