## RT2WIN!

How 50 lines of Python made me the luckiest guy on Twitter

"No purchase necessary, enter as often as you want. So I am."



#### Introduction

- I'm Hunter
- Electrical & Computer Engineer
- Working in Silicon Valley
- Currently disrupting social local mobile big data analytics with cloud based MapReduce deployments on Docker with Rust

## Origin

• "Hey, there's a ton of contests on Twitter. All you have to do to enter them is retweet them..."

```
~$ vim rt2win.py
```





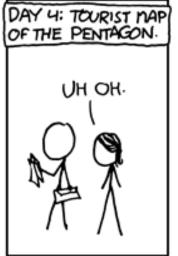
















#### HS



I'm up all night to get lucky





### "How hard could it possibly be?"

- Step 1: Look for contests, retweet them
- Step 2: Profit
- Started with simple search terms at first
  - "rt2win", rt to win", "rt 2 win", "retweet to win", etc
- Used the Twitter API
- Rate limit = ⊗
- So, retweet slower, add random delays

<b>y</b> Home <b>y</b> Moments			Search Twitter	Q Have an account? Log in 🕶
		Advanced <b>Search</b>		
	Words			
	All of these words			
	This exact phrase			
	Any of these words			
	None of these words			
	These hashtags			
	Written in	Any Language ▼		
	People			
	From these accounts			
	To these accounts			
	Mentioning these accounts			
	Places			
	Near this place			
	Dates			
	From this date	to		
	Other			
	Select:	Positive :) Negative :( Question ?	Include retweets	
	Search			

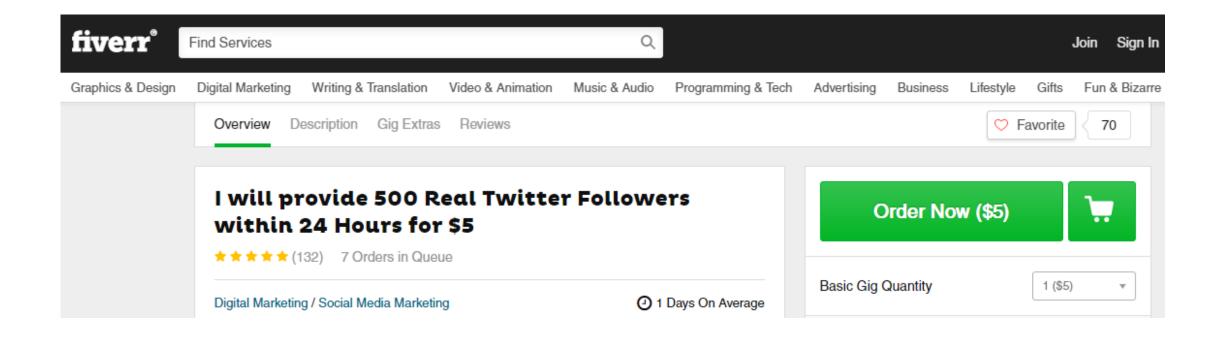


Beautiful Soup

· 9 Jan 2015

**RT2WIN** your very own set of @ be following both accounts... good luck!

products! Ends at 21.30 - must



```
Retweeting
Already tweeted this, skipping.
Retweeting
Alreadying following
Retweeting
Now following
Unfollowed
Retweeting
Already tweeted this, skipping.
Current cycle now 15% complete.
Retweeting
Retweeting
Alreadying following
Retweeting
Alreadying following
Retweeting
Already tweeted this, skipping.
Already tweeted this, skipping.
Already tweeted this, skipping.
Already tweeted this, skipping.
Retweeting
Retweeting
Now following
Unfollowed
```

#### Better solution

- Turn the follow queue into a FIFO
- Unfollow the 1<sup>st</sup> account when I follow the 2000<sup>th</sup> account
- The amount of time it takes to enter 2000 contests that require following is enough that the 1<sup>st</sup> contest is almost certainly over by then
- Side effect: I get more real followers because people follow back as a courtesy.
- My bot actually looks more legit now



## Interesting interactions

Forgot to change my name on one of my accounts that won the same contest as another one...

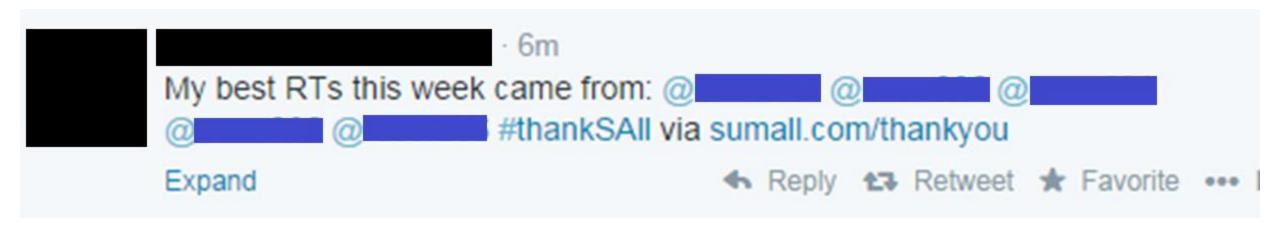


#### Yes, I won this.

RT for a chance to win these tupaware LIDS that have been warped in the dishwasher. Must be following.



#### Bots vs Bots





hrey bb fanks 4 teh folw, iv u have sweg subskrieb 2 mi on uteub 4 anemashuns: youtube.com/channel/UC0hR7... -via @justunfollow

11h

## Someone offering a postcard signed by ME as a prize...



# Sometimes my bot was accidentally a jerk ③



- 14h

Also, I don't want to make this a big deal, but I'm one follower short of 500. That lucky person will win absolutely nothing.



- 14

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4 t7 1 \* ···

Guess who?

## Another false positive



### Another false positive



## The Haul



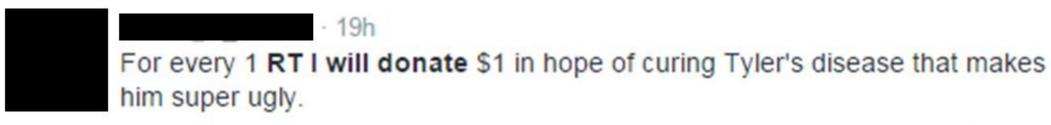
#### The full list:

hscott.net/winnings.txt

## Doing good



#### But even this backfired...











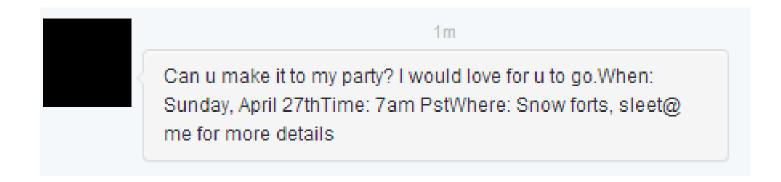
View photo

#### But even this backfired...

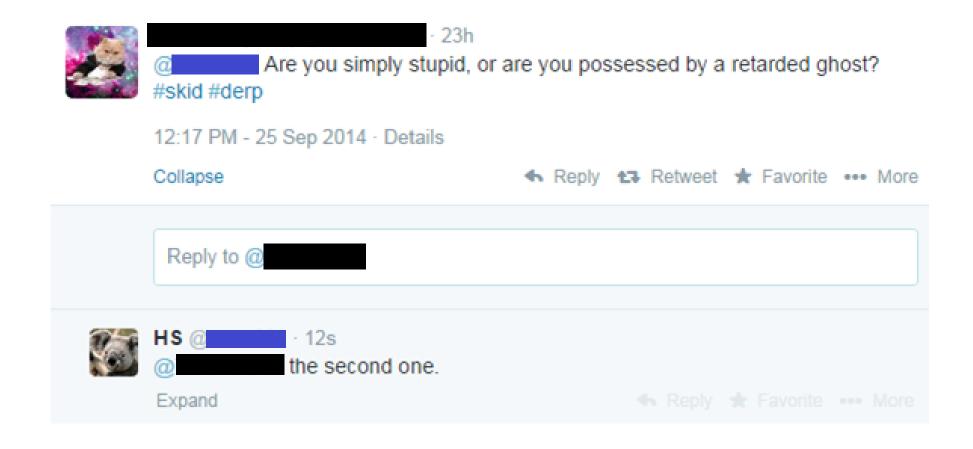


## People ask you for weird stuff









#### Stats

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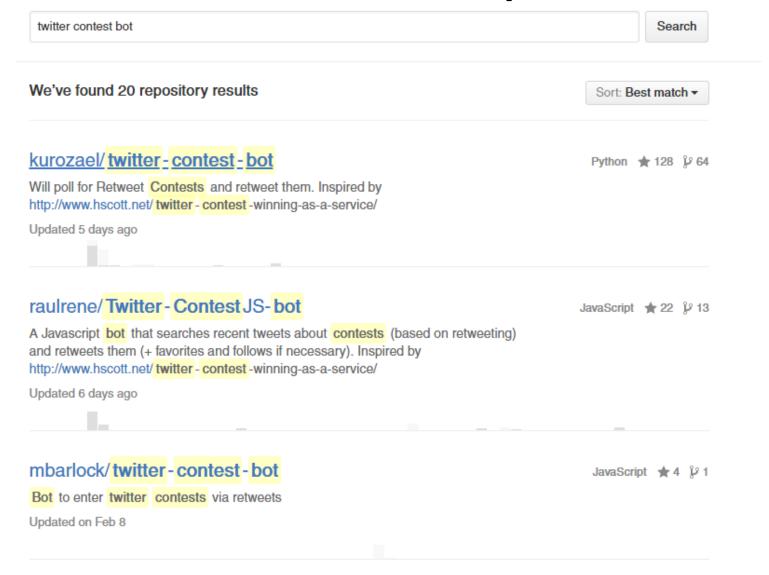
- 165,000 contests entered
- On average, 4 wins per day, every day, for 9 months straight
- Most valuable prize: \$4000 trip to Fashion Week in NYC

Yes, I paid the taxes.

## Other attempts

- Before I did this, there were at most a few people auto-entering twitter contests
- Couldn't find any obvious examples
- Did see some manual examples
- Now a lot of people do it
  - Or at least, they try

## Often imitated, never duplicated



## How to keep me from winning

- Take two seconds and read the feed of the winner
  - It will usually be pretty obvious.
  - I made no attempt at stealth and still won. Some people do attempt stealth and are much harder to catch
- Make it hard to programmatically enter
  - Add something that requires natural language processing
- Consider running the contest on Facebook
  - Much harder to make a fake but convincing profile
  - Tied to real identity
- Accept that people always try to game contests