



# Unbelievable stories of... Cyber Horror

Graham Cluley  
Independent computer security researcher



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# CYBER HORROR

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# SHOCK HORROR!

**You can't trust companies**









- "Yes definitely"
- "Hmmm yes, OK"
- "Hmmm no, not really"
- "NO definitely NOT"



June 2005

# Firefox users too ugly to join BeautifulPeople



**Jan 2010**

BeautifulPeople ejected 5,000 members who had put on the pounds over Xmas.

"Letting fatties roam the site is a direct threat to our business model and the very concept for which BeautifulPeople.com was founded."





**June 2011**

BeautifulPeople ejected 30,000 members  
after a virus attack broke vetting system

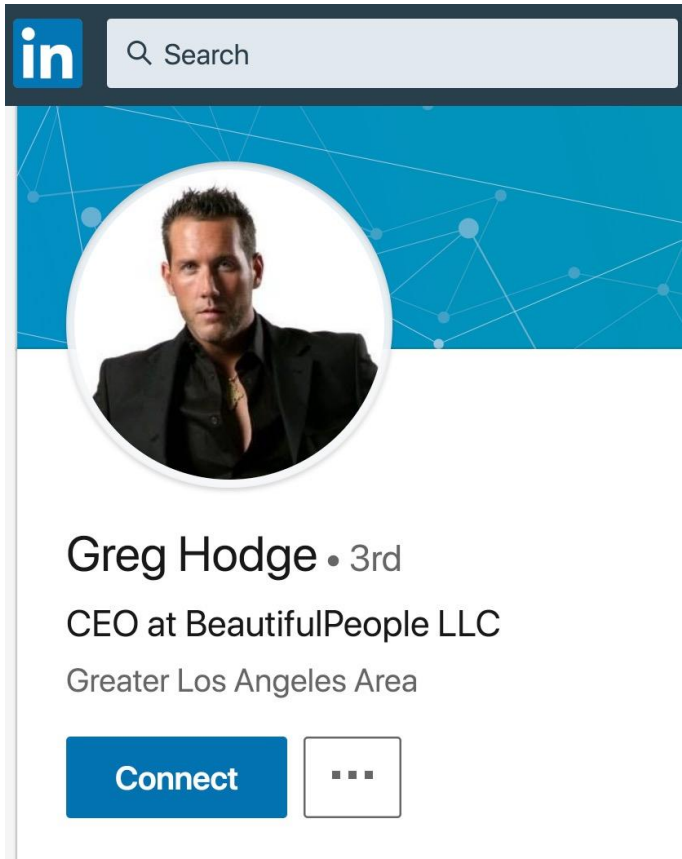
"We got suspicious when tens of thousands of new members were accepted over a six-week period, many of whom were no oil painting."



**June 2011**

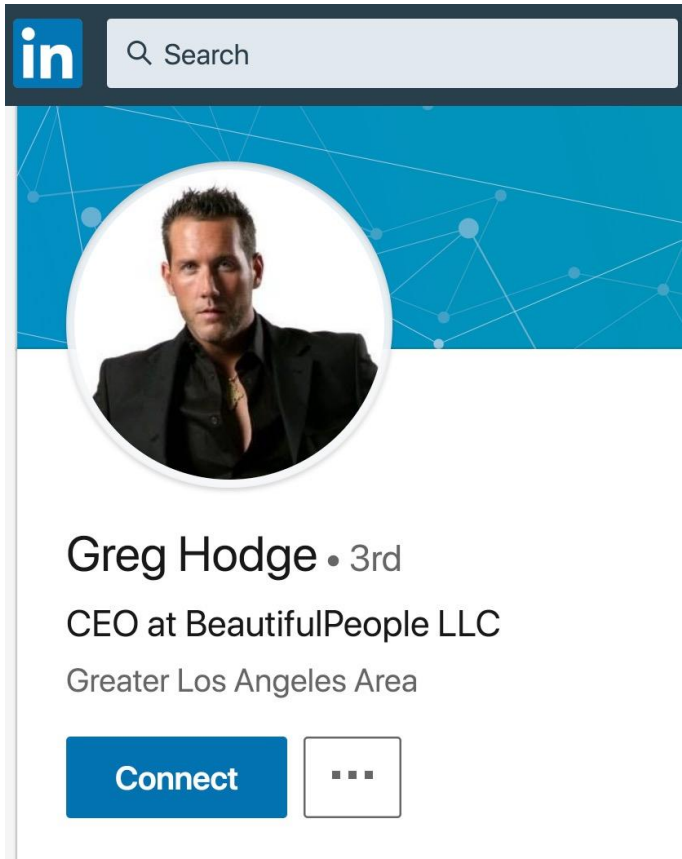
BeautifulPeople said the Shrek virus had allowed anyone to join the site





“We have sincere regret for the unfortunate people who were wrongly admitted to the site and who believed, albeit for a short while, that they were beautiful. It must be a **bitter pill to swallow, but better to have had a slice of heaven than never to have tasted it at all.**”





“The origin of the 'Shrek Virus' is still being investigated internally ...investigations point to a former employee who placed the virus before leaving the team in May. Despite wreaking havoc with the application process, member privacy and security was never breached.”



# June 2011

Media around the world reported the story as true.

The Telegraph

Daily Mail

The Guardian

GIZMODO

FREE METRO

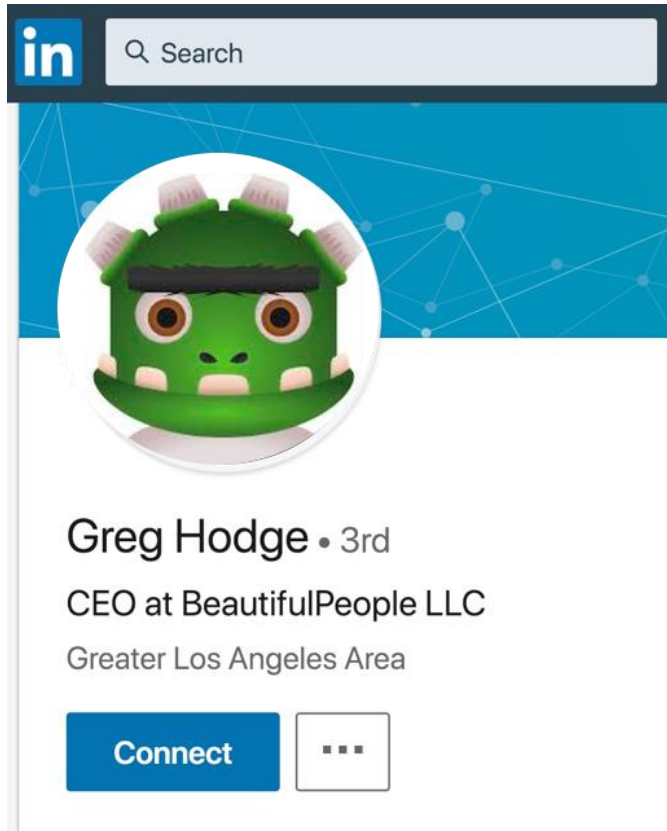
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PC ADVISOR

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NEWS  
channel





“The origin of the 'Shrek Virus' is still being investigated internally...investigations point to a former employee who placed the virus before leaving the team in May. Despite wreaking havoc with the application process, member privacy and security was never breached.”







# SHOCK HORROR!

**You can't trust companies**

Some will even lie about being hacked



**P.S.**



April 2016  
Revealed that  
BeautifulPeople had  
suffered a **real**  
security breach  
exposing 1.1 million  
members

## BeautifulPeople.com Leaks Very Private Data of 1.1 Million 'Elite' Daters -- And It's All For Sale



Thomas Fox-Brewster, FORBES STAFF

I cover crime, privacy and security in digital and physical forms.

[FULL BIO](#)

Sexual preference. Relationship status. Income. Address. These are just some details applicants for the controversial dating site BeautifulPeople.com are asked to supply before their physical appeal is judged by the existing user base, who vote on who is allowed in to the "elite" club based on looks alone. All of this, of course, is supposed to remain confidential. But much of that supposedly-private information is now public, thanks to the leak of a database containing sensitive data of 1.1 million BeautifulPeople.com users. The leak, according to one researcher, also included 15 million private messages between users. Another said the data is now being sold by traders lurking in the murky corners of the web.



**April 2016**

Revealed that  
BeautifulPeople had  
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security breach  
exposing 1.1 million  
members

- Email address
- Mobile phone number
- Height and weight
- Sexual preference
- Job
- Education
- Body type
- Eye colour
- Hair colour
- Location data
- Smoking and drinking habits
- Favourite TV shows, movies and books
- Other interests



# IT'S CALLED **KARMA**





# SHOCK HORROR!

**You can't trust your IT staff**





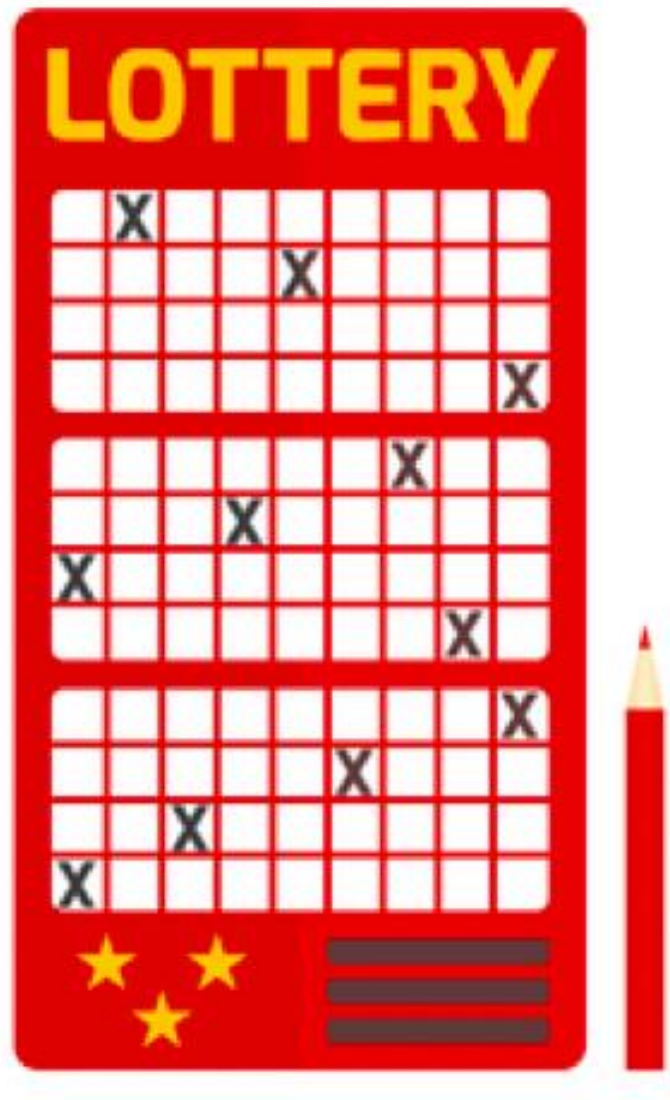






# QuikTrip, West Des Moines











\$14.3 million

















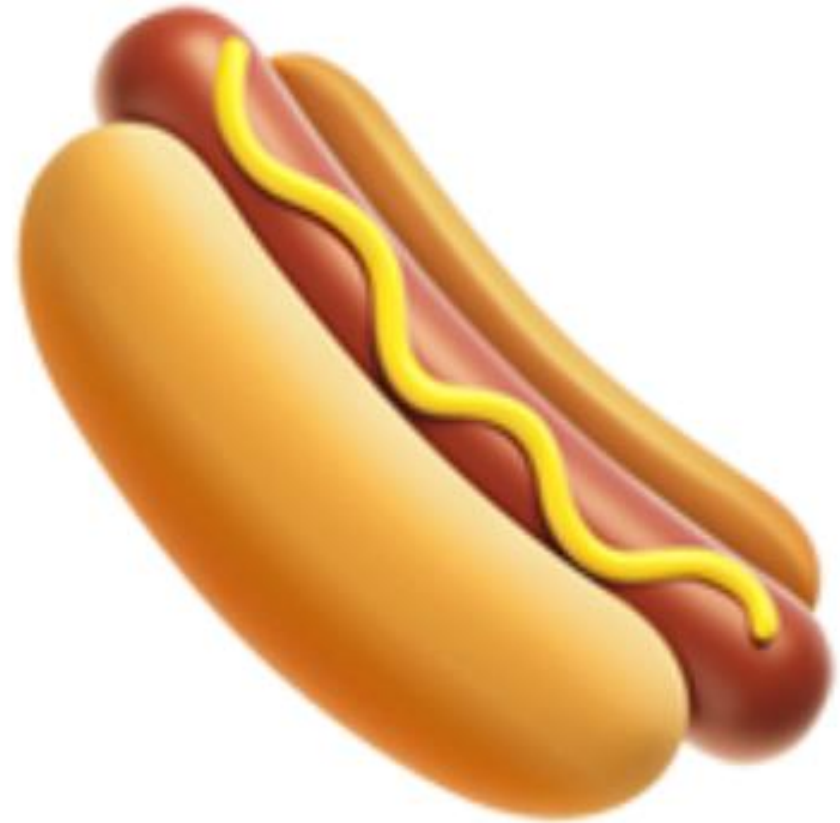
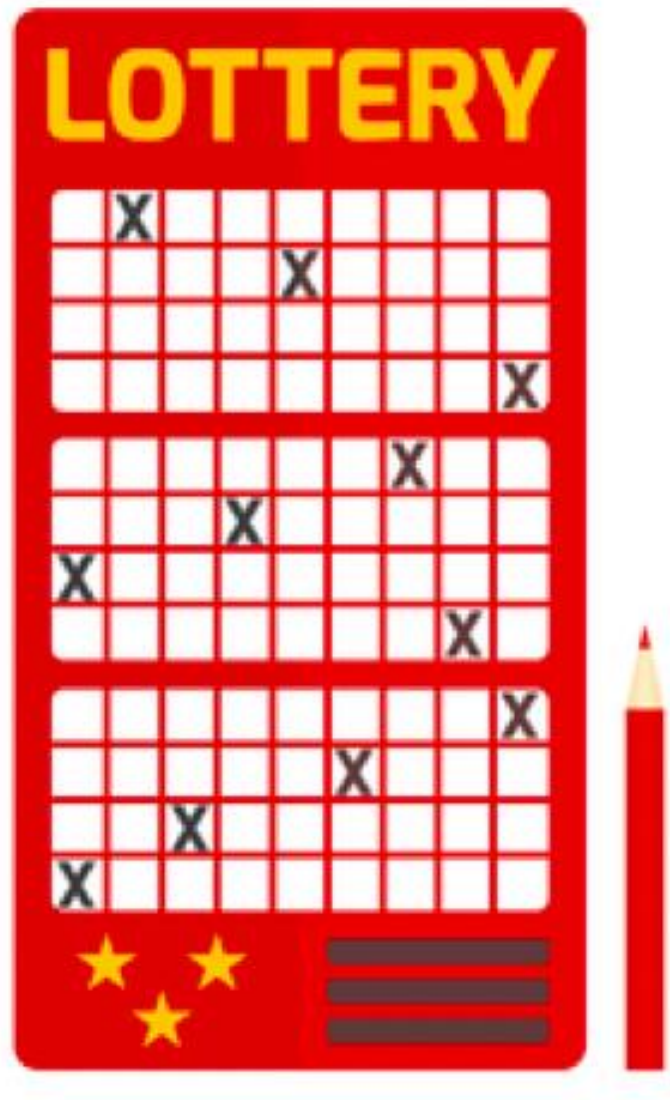




# QuikTrip, West Des Moines



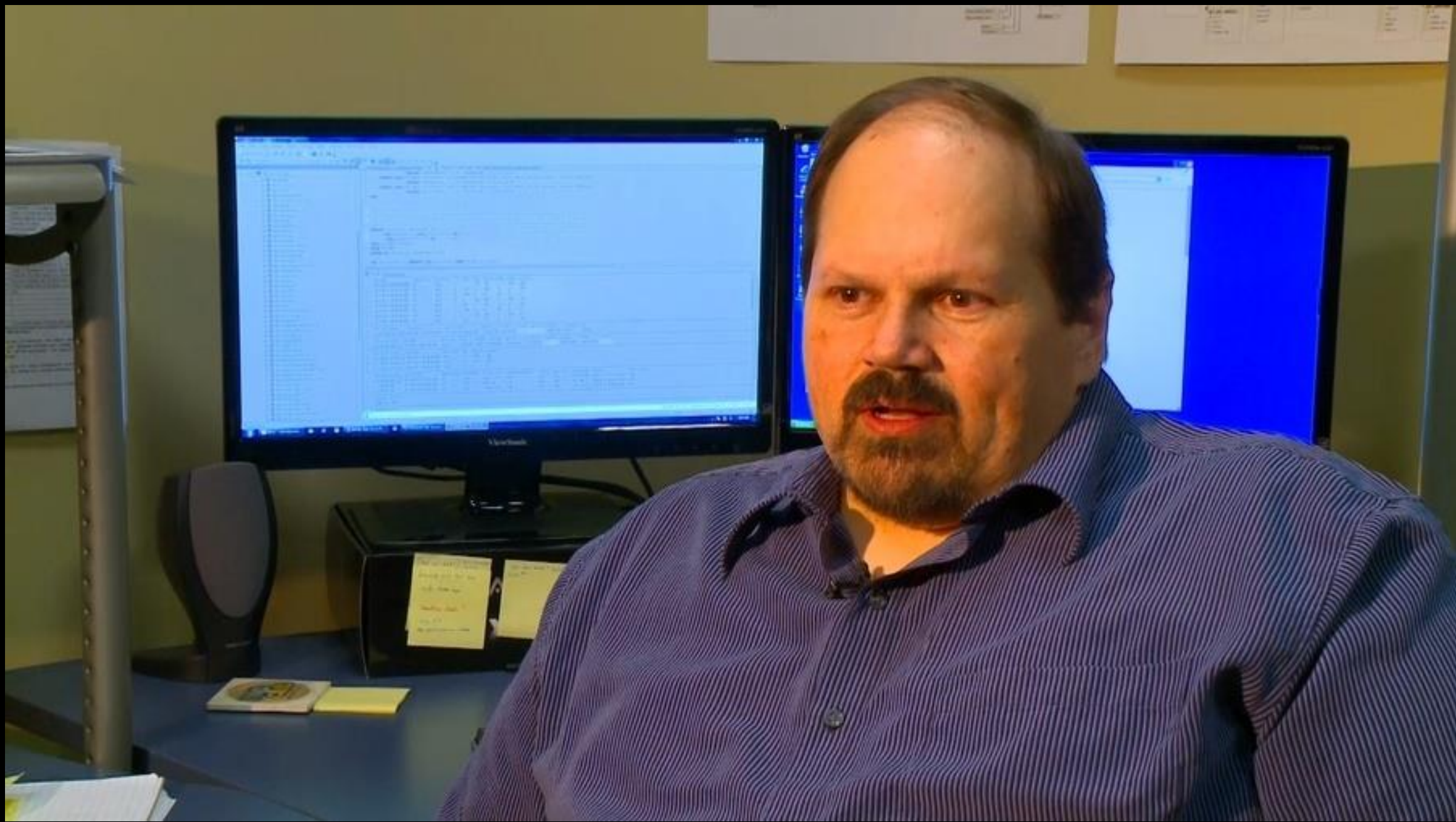




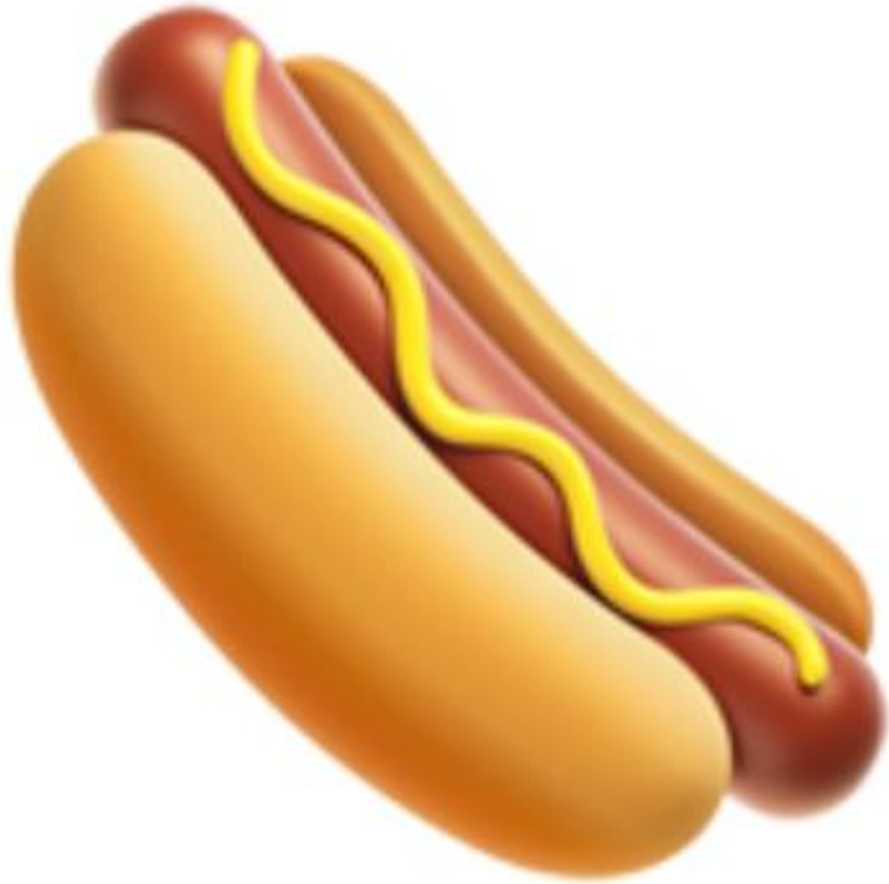












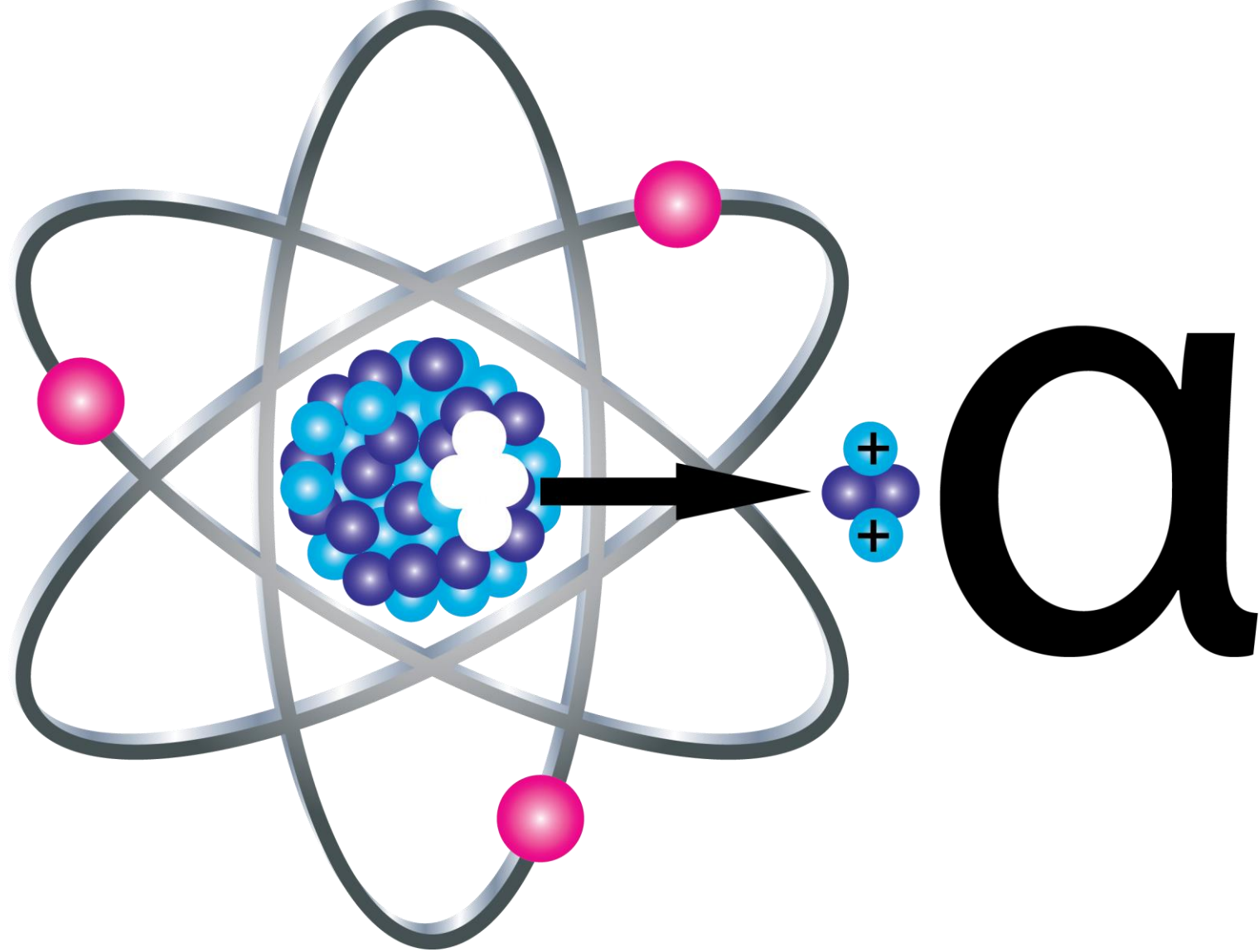






- Geiger counter
- Measures levels of radioactive isotope Americium-241









# 10,939,383

sets of possible numbers









```
if leap_year=false
  then if (day = 147) or (day = 327) or (day = 363)
    then if (weekday = Wednesday) or (weekday = Saturday)
      then fiddle_RNG
```



```
if leap_year=false
  then if (May 27th) or (Nov 23) or (Dec 29)
    then if (weekday = Wednesday) or (weekday = Saturday)
      then fiddle_RNG
```



Rather than

# 10,939,383

sets of possible numbers



# a few hundred

sets of possible numbers







# QuikTrip, West Des Moines









**EDDIE  
TIPTON**



**TOMMY  
TIPTON**



Eddie's brother Tommy  
was revealed to have won  
**\$568,990** in the  
Colorado lottery years  
before.



**Tommy Tipton**



Eddie's best friend Robert  
Rhodes was revealed to  
have won

**\$783,257.52**

in the Wisconsin lottery  
on Dec 29 2007









# SHOCK HORROR!

**You can't trust your IT staff**  
Some might be hacking you



# Thank you



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