Someone has committed a crime!

Mr. Boddy in the library, killed with the lead pipe!

However, instead of clues about where each person was, we have list of information about 3,000 individuals in the file all_data.txt.

The first 5 lines of the file look like this:

first_name,last_name,email,birthdate,phone number
Valida,Wince,vwince0@prweb.com,6/16/1978,861-946-5774
Beret,Jinda,bjinda1@sfgate.com,5/24/1991,595-786-6275
Theodore,Nann,tnann2@google.nl,4/11/1940,828-746-8531
Tiphani,Hassard,thassard3@answers.com,9/27/1955,575-366-223
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Pay attention to how each line is set up! What are the patterns? What's the same in each line, and what's different?

We know the following information about the killer:

- They work for a .org
- Their first name has between 3 and 7 characters
- They were born in May, June, July, or August
- The last 4 digits of their phone number start and end with the same number (ex: 2682)
- Their first and last names start with the same letter

Using these clues, you can narrow down the list of names to just one person: the murderer!

Bring me the name of the person AND the regex you used for each step.

Note that you MUST have the regex for each step: even if you get down to 3 people and can look and see which person it is, that doesn't count.
I need evidence, detectives! Not speculation!!

When you have all the regexes and the name of the killer, report to me.

Procedural advice:

- log on to cleo.simmons.edu so that you can use egrep there . Reminder: accessing cleo is done through ssh username@web.simmons.edu
- you can use wget web.simmons.edu/~carrold/CS110/all_data.txt to get the data file onto the server
- use the > function to output the results from a successful grep into a new file. This will help you narrow down your search.
  - ex: egrep 't' all_data.txt > ts.txt -- saves just the lines with 't' in them to the file ts.txt