John Kiely

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Skills

Python

Examples:

Spellchecker
- https://github.com/JKiely/spellchecker
- Is currently in the process of growing into an online spell-checker using flask.
- It uses /(uni|bi|tri)gram/ frequencies from a given corpus, and Damerau–Levenshtein distance to suggest corrections to words it doesn't recognize.

Noughts and Crosses
- https://github.com/JKiely/noughts-crosses
- A command line tic-tac-toe game created using Python, and tested using Pytest.

Other

Totes-random (Haskell)
- https://github.com/JKiely/Totes-Random
- A 'satirical random number generator' which uses the entropy of people telling twitter how random they are to seed a Mersenne twister.
- I also made a twitter bot for this site: https://github.com/JKiely/Totes-Random-Bot

RC-API Wrapper (Golang)
- https://github.com/JKiely/RC-API
- A wrapper for the Recurse Center internal API.

Education

Recurse Center (2016)

- https://www.recurse.com
- A self directed code retreat based in New York.
- I spent my time there working on Haskell, Go and expanding my knowledge of Python.

London School of Economics (2012-2016)

- BSc Socology (Hons)
- ASIEC Society (2012-2013): Teaching English in the Shandong province of China during the summer of 2013.
- Debate Society (2012-2013): Parliamentary style, competed in several inter-varsity tournaments.
- LSE Groups (2014): An internal event in which teams have to prepare an academic paper with original research in two weeks and present it at a conference on the final day.

Makers Academy (2015)

- http://www.makersacademy.com
- A twelve week Bootcamp that focuses on full stack web development.
- Learned technologies including Rails, Node, and Sinatra.

Experience

Research Assistant at the LSE (2014-2015)

- Cleaning data for papers looking at the relationship between income and voter turnout.
- Writing python code to scrape drug reviews and prices off of forums relating the the silk road and agora.

Barman/Manager at Dulwich Sports Club (2008-2010, 2011-2012)

- Nothing to do with coding, but I was involved with scheduling, training, and hiring new staff, and a key holder for the building and the safe.