Elias Julian Marko Garcia

Contact

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ageof.info

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Education

Truman State University, Spring 2019

B.S., Computer Science

B.S., Economics

Minor, Maths

Skill Sets

General: Excellent communicator and writer for both lay and professional audiences and presenting to large and small audiences alike with six plus years of experience.

Programming: Knowledgeable in Python, Java, Lisp dialects, OOP and Functional programming paradigms. Playing with Rust and Haskell as hobbies turn pursuits. Repeat experience with corporate code, Agile methodology, and FOSS contributor when I can (Rust, Emacs, NextJournal). Loves and hates (mostly loves, though) working with *nix based systems.

Social Sciences: Thorough experience with public policy, especially regulatory capture and fiscal issues. Repeat research in financial, monetary, and new institutional economics. Currently working on a research paper on financial markets and institutions.

Projects

AgeOf.Info

2013-Present

Blogging for multiple years on the topics of tech, economics, and programming. Recently built my own secured server to transfer and host my blog and other projects.
Tech: Linux, nginx, Jekyll, Raspberry Pi B+

OpenSEC (WIP)

HackISU Submission, Spring '17

Bot that crawls and downloads the full indices of the Securities and Exchange Commission's EDGAR database which points to all SEC mandated (and publically accessible) documents of publically traded corporations. Currently working on sustainably hosting, parsing, and visualizing multiple terabytes of corporate data.
Tech: Python, Scrapy Framework, and BeautifulSoup4, Plotly modules

Twitter Bots

2016-Present

Created multiple bots that tell the weather (@TruWeather), search twitter for key terms and interact with users (@TOUGHLOVEBOT), tweet quotes/images by philosopher Jean Baudrillard (@Baudrillard_Bot). All hosted by me.
Tech: Python and Tweepy, PIL, NLTK, and PyPDF modules.

#Hashtag-Health (WIP)

Cerner Intern Hackathon, Summer '17

With three other teammates, created an open data project to visualize in real time (and historically) all tweets pertaining to health coded phrases, keywords, and hashtags. Future of project is to sustainably host it and add analytics to infer outbreaks from twitter data in real time. Won third place overall.
Tech: SQLite, Python and Tweepy, BeautifulSoup4 modules, Flask framework, ReactJS, and D3JS library

Experience

Summers '16, '17	**Software Engineering Internship**, Cerner Corporation	
Summer '16	**Research Interim**, Ronald E. McNair Undergraduate	
Summer '15	**Research Fellow**, Independent Institute	
Fall '16-present	**Organizer and Speaker Coordinator**, Truman State Economics Speakers Series	
Spring '15-present	**Writing Center Consultant and Fellow**, Truman State University	
Spring '17	**Assistant,** Girls Who Code @ Kirksville High School	
Spring '15-present	**Scholar,** Ronald E. McNair Post-baccalaureate Achievement Program	
Spring '17-Present	**Vice President,** Truman State Association of Computing Machinery (ACM) chapter	

About Me

Born and raised in KC, MO, I'm a first generation Mexican-American who is passionate about the advancement of social and economic models with computational methods. When not thinking about numbers, you'll find me tinkering with personal projects, contributing to FOSS, or, when my advisor is on me, working on academic research. I love reading Baudrillard and Hayek in my free time, running in the early morning, and cooking any type of food but especially that with an Asian or Mexican twist.