ROBERT DOMINGUEZ

210-748-5865
robertism.com
rdominguez@me.com

44 Tramore
San Antonio, TX
78260

Experience

Contract Software Engineer, National Nursing & Rehab — 05/17–08/17
Developed an automated system to transfer patient records from the company's legacy EMR system to an in-house database. Collaborated with the developers of their current EMR system to design a hiring service integrated with the EMR, payroll, and employee benefits systems.

IT, Tierra Title — 2014-2015
Managed spreadsheets and served as general IT (repairs, virus removal, etc.). Digitized courthouse documents of property titles and deeds.

Education

Texas A&M University — 2016-2020   GPA: 3.3
Pursuing a Bachelor of Science in Computer Science through the Engineering Honors Program.

Projects

Thesaurus-API
Python interface for thesaurus.com. Used by researchers at Context Scout in London, and The German National Library of Economics in Kiel.

Follow the Leader
Game theory applied to investing portfolios. Python data analysis of marketwatch.com's public games, with a self-designed algorithmic ranking system to calculate the best trades.

dark.farm
I was hired by finance student to create a webapp for his algorithm to predict the outcome of duels in the game *Runescape*. Complete with password protected user logins (we currently have 10 users paying $300/month), it scrapes the stats of the opponent, and feeds it into the algorithm. Powered by Flask and Heroku.

Queria
Smart search for question-answer discourse, using natural language processing and fuzzy string matching on multiple Google results.

Skills

Proficiencies: Python, bash, HTML/CSS, git, Matlab
Familiarities: C++, C, MongoDB, Heroku
Experience: Erlang, PostgreSQL, Mathematica
Frameworks: requests, beautifulsoup, flask, pandas, nltk, bootstrap, socket.io