

Winston Arthur Robson

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EXPERIENCE

Galvanize, Inc.

San Francisco, California

Data Science Instructor

September 2019 – Present

- Lead 6-week “Data Science Fundamentals: Intro to Python”
 - Lectured and guided students on Environment Setup, DS Workflow, Ins & Outs of Coding Pythonically, Object Oriented Programming, and Popular Data Science Libraries (Matplotlib, Pandas, Numpy, Sklearn)

RAPIDS AI Contributor

May 2019 – Present

- Open source GPU data science suite lead by NVIDIA
 - Helped “mainstream” [notebooks-contrib](#) repo
 - Developed CONTRIBUTING.md standards and presentation & update of colab_notebooks folder
 - Raised issues in cuDF & notebooks-contrib repos, on Slack and external references like Stack Overflow
 - Wrote product overview & introduction articles including [How to Install RAPIDS in Google Colab](#) and [What is BlazingSQL?](#)

Data Science Fellow

January 2019 – October 2019

- Quantitative Population Prediction by Place ([repo](#); [one pager](#))
Capstone project; forecast population change of a given town/city (Place), with consideration for missing data and shifts in trend
 - Large focus on EDA and forging time series datasets for Prophet (decomposable, additive) model
 - Extracted values from Decennial Census and ACS 5-year estimate datasets (train: 1970-2015; test: 2016-2017)
 - Model performed slightly better than Baseline (continued rate of change) w/ 1.826% - 1.993% average MAPE
 - Business use: identify high-growth areas; long-term investment & development; combination with qualitative data
- Event Fraud Detection Case Study ([repo](#); [slides](#))
 - Real-time fraud detection web app (AWS EC2) with Gradient Boosting model, MongoDB, and Flask
 - Business use: retain and build user trust; reliably detect fraudulent events (risk catch rates: hi(78%), med(99%))
- Movie Recommender Case Study ([repo](#); [slides](#))
 - Considered user and movie information; rank ordered movies of interest with ALS Matrix Decomposition model
 - Business use: increase user on site time; understand and cater to user preferences; market trend insight

Berkshire Hathaway HomeServices Drysdale Properties

Pleasanton, California

REALTOR® (DRE #02060734)

June 2018 – Present

- Exams passed: NMLS Mortgage Loan Originator (MLO), CA Real Estate Salesperson, CA Notary Public
- Residential real estate transactions in San Francisco Bay Area with focus in East Bay / Tri-Valley
- Built semi-autonomous new listing “scrape-to-post” tool for Facebook pages with BeautifulSoup4 and Selenium 2.0
- Writings: [Regarding Real Estate](#) (Medium Publication); [Offsite, the Vanguard of Construction](#) (Real Estate Tech)

DEVELOPMENT

Future Vision

San Francisco, California

Sr. Editor; Community Admin

May 2019 – Present

- Online publication focused on providing platform for tomorrow’s thought leaders ([Homepage](#))
- 90-day stats: 126,007 Visits from average 1,149 Unique Daily Visitors; organic 0 to 702 Twitter followers (+7.8/day)

Sample Personal Writings (Medium Curators’ selection)

- [LinkedOut](#) (Programming)
- [What is RAPIDS AI?](#) (Data Science, Machine Learning)
- [The Math of Prophet](#) (Data Science, Machine Learning)
- [Operation Apocalypse Z](#) (Gaming)

WARrisk Consultancy

Arkansas; California

Founder and Director

January 2018 – Present

- the Lifr Podcast: [Interviewed](#) esteemed and accomplished guests on their habits and approach to life
- Lifr Basics & Gameplay: Produced [video lessons](#) on basics of Arabic, French, Russian; streamed to [Twitch](#) and [Instagram](#)
- WARrisk: Researched and authored reports (~5,000 words each) for multiple companies regarding their Online Presence

EDUCATION & ABOUT

Galvanize, Inc.

San Francisco, California

Data Science Immersive

January 2019 – April 2019

- 700+ hour program covering data mining and wrangling, ML statistics and algorithms, SQL, and big data tech like AWS and Spark
- Solidified industry best practices (e.g. Pair Programming, Scrum, Agile Workflow, Git) through daily implementation varying teams

University of Arkansas

Fayetteville, Arkansas

Finance, Economics

June 2016 – May 2018

- Dean’s List, Walton Honors, Cumulative GPA: 3.7/4
- Honors College Signature Scholar; Vietnam and England study abroad
- Walton College Finance Association Vice President; Enactus Presentation Team

Data Science Skills

Bs4, Docker, fbProphet, Flask, Git, JupyterLab, Matplotlib, Pandas, Python, cuDF, cuML, Scikit-Learn, Selenium, SQL, TensorFlow

Licenses

California Notary Public (CA #2256408)
California Real Estate Salesperson (DRE #02060734)

Interests

Business, MMA, People, Responsibility, Twitch/YouTube

Skills

Adaptation, Being Happy, Finding Value, Listening, SEO/SEM