Winston A. Robson

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EXPERIENCE

Galvanize, Inc.　　　　　　　　　　　　　　　　　　　　　　　　　　　**San Francisco, California**
Data Science Fellow　　　　　　　　　　　　　　　　　　　　　　　　　　　*January 2019 – Present*

- Quantitative Population Prediction by Place (*repo*; *one pager*)
- *Capstone project; forecast population change of a given town/city (Place), considering 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
- 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
- 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%))
- User Churn Case Study (*repo*; *slides*)
  - Gradient Boosted model to predict users that are at risk of churning w/ 77% accuracy (validated with ROC plots)
  - Business use: visualized Profit Curves for possible user incentive retention programs

Berkshire Hathaway HomeServices Drysdale Properties　　　　　　　　　　　**Pleasanton, California**
REALTOR® (DRE #02060734)　　　　　　　　　　　　　　　　　　　　　　　*June 2018 – Present*

- 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)

Sterling Bros Investment & Development Ltd.　　　　　　　　　　　　　　　**Camden Town, London**
Head of Marketing　　　　　　　　　　　　　　　　　　　　　　　　*September 2017 – December 2017*

- Constructed responsive database of 839 clients; initiated lead pairings to increase operational efficiency
- Sourced and communicated investment opportunities (£5m to £50m) with fund management throughout Eurasia
- Devised locational arbitrage equations for Ferrari 458s (2011 to 2014); manual single variable input, multimetric output

Wilson Coker Wealth Advisors, LLC (Raymond James)　　　　　　　　　　　　**Rogers, Arkansas**
Intern, Head of Online Presence　　　　　　　　　　　　　　　　　　　　*June 2017 – August 2017*

- Designed and implemented 3 AdWords campaigns, 7 - 10 ads each, allocated resources and mapped results
- Established self-improving scheme; increased unique users (3/week to 270/week) and sessions (3/week to 400/week)

DEVELOPMENT

Future Vision　　　　　　　　　　　　　　　　　　　　　　　　　　　**San Francisco, California**
Sr. Editor; Community Admin　　　　　　　　　　　　　　　　　　　　　　　*May 2019 – Present*

- Online publication focused on providing platform for tomorrow's thought leaders (*Home*; *Twitter*)
- 90-day ended July 13: total 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)	*The Math of Prophet* (Data Science, Machine Learning)
What is RAPIDS AI? (Data Science, Machine Learning)	*Days of Summer: Black Ops 4* (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 – May 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

Data Science Skills
Bs4, Docker, fbProphet, Flask, Git, JupyterLab, Matplotlib, Pandas, Postgres, Python, RAPIDS, 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