

BRICE WALKER

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Data Scientist and Engineer

My name's Brice and I'm a data scientist committed to revolutionizing business processes through undeniably intelligent and groundbreaking systems change designs. I am the premier trailblazer who can inspire empirically enlightened resolutions for your organizational change efforts.

SKILLS

- Languages: Python, R (R Studio, Tidyverse), SQL, Java, Scala, C#, HTML, CSS, JavaScript, PHP
- Analytics Tools: Excel, Tableau
- Big Data: Hadoop, Spark, Databricks
- Databases: PostgreSQL, MySQL, Oracle SQL, BigQuery
- Cloud/ Virtual Computing: Azure, AWS, GCP/Google App Engine, Digital Ocean, Docker
- Python/Anaconda Analytics Packages: Numpy, Pandas, SciPy, Matplotlib, Seaborn, and Bokeh
- Machine Learning Packages: Sci-Kit learn, XGBoost, LightGBM, (Regression, KNN, Tree Based Methods, SVM's, LDA/QCA/PCA, and Clustering/Ensembles/Bagging/Boosting)
- NLP/NLU Packages: NLTK, spaCy, genism, Stanford CoreNLP, TextBlob, Pattern
- Bayesian Analysis Packages: PyMC3, BayesPy (Markov chain Monte Carlo)
- Deep Learning Packages: TensorFlow, Keras, PyTorch, DIGITS, TensorRT, CNTK
- Web Dev: WordPress, Flask, Django, Apache, NGINX, Unicorn

EXPERIENCE

Independent Data Scientist, heysatya.com – Seattle, WA 02/2018 – Present

- Produced an open source speech recognition platform for edge computing with a word error rate of 17% as an independent researcher using a hybrid CNN/RNN neural network built in Keras on the backend and deployed to the cloud as a Flask web app.

Board Member and Treasurer, Dual Diagnosis Anonymous – Portland, OR 08/2016 – Present

- Secured outcome driven grants and developed new measures of success for addictions services.

Addictions Counselor, ABHS – Chehalis, WA 09/2017 – Present

- Increased outcomes through the implementation of a TC (a unique data driven initiative).

Graduate Research Assistant, AU/LLU/PDX/OHSU/UI/WSU – Seattle, WA 02/2014 – 07/2018

- Completed clinical and public health research projects with regression analysis using R, Excel, and SPSS; including studies measuring social outcomes of risk behaviors (secondary data), evaluating programs (qualitative), conducting clinical trials (data wrangling/munging), and describing socio-economic constructs in public health policy (GIS analysis).

KAGGLE COMPETITIONS

- [Google Cloud 2018 Men's NCAA ML Competition](#)
- [House Prices: Advanced Regression Techniques](#)

EDUCATION

Data Science Fellowship – General Assembly (Regression, classification, and Bayesian analysis)

MOOC's – Python for D.S., Data Analysis in R, AI, Speech Recognition, Deep Learning, DSP, Azure ML

Graduate Coursework – PDX/OHSU (Public Health/Epidemiology/Data Analysis), JHU (Data Science)

B.S. – University of Idaho (Organizational science, social cognition, and addictions research)