BRICE WALKER

208.699.8446 | brice@bricewalker.com | bricewalker.com | github.com/bricewalker
heyjetson.com

Data and Applied Research Scientist

My name's Brice, and I'm an addict and a visionary data scientist committed to revolutionizing 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

- Python/Anaconda Math 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, Clustering/Ensembles/ Gradient Boosting, and NLP)
- Bayesian Analysis Packages: PyMC3, BayesPy (Markov chain Monte Carlo)
- Deep Learning Packages: TensorFlow/Keras, Caffe(2), (Py)Torch, DIGITS, TensorRT, JetPack
- SQL: PostgreSQL, MySQL, Oracle SQL, BigQuery
- Cloud/Distributed Computing – AWS, GCP/Google App Engine, Digital Ocean, Azure
- Web Dev – HTML, CSS, JavaScript, PHP, WordPress, Flask, Django, Apache, NGINX, Gunicorn
- Big Data: Hadoop, Spark, Databricks
- Other: R(RStudio/Tidyverse), Java/Scala, Excel, Tableau, Docker, and Unix/Linux/L4T

EXPERIENCE

Speech Research Scientist, heyjetson.com – Seattle, WA   02/2018 – Present
- Produced the speech recognition platform for heyjetson.com using Recurrent Neural Networks, and Gated-Recurrent Units in Python/Keras/TensorFlow on the backend and Flask/HTML/CSS/JavaScript/NGINX/Gunicorn on the front end.

Data Scientist, NoSchoolViolence.org– Seattle, WA   02/2018 – Present
- Rebuilt the NLP algorithm for NoSchoolViolence.org using entity recognition/collocation in Python. Developed the backend using Azure and MS Cognitive Services suite that extracts links between adolescent risk behaviors and violence in text from academic journal articles.

Data Scientist, Seattle Data for Good – Seattle, WA   02/2018 – Present
- Conducted analysis for several government/NGO non-profit projects.

Graduate Research Assistant, AU/LLU/PDX/OHSU/UI/WSU – Seattle, WA   02/2014 – Present
- Completed several academic socio-behavioral health projects; identifying social outcomes of adolescent risk behaviors, measuring outcomes of public health programs, conducting therapeutic clinical trials, and describing socio-economic constructs in public health policy.

Board Member and Treasurer, Dual Diagnosis Anonymous – Portland, OR   08/2016 – Present
- Secured outcome driven grants and developed new measures of success for peer delivered services.

Addictions Counselor, ABHS – Chehalis, WA   03/2013 – Present
- Increased outcomes through the implementation of a TC (a unique data driven initiative).

KAGGLE COMPETITIONS

- Google Cloud 2018 Men's NCAA ML Competition
- House Prices: Advanced Regression Techniques

EDUCATION

Data Science Fellowship – General Assembly

B.S. – University of Idaho