

BRICE WALKER

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

Data Scientist

I'm a visionary data scientist committed to revolutionizing through undeniably intelligent and groundbreaking systems change designs. I am the premier trail blazer 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, Unicorn
- Big Data: Hadoop, Spark, Databricks
- Other: R(RStudio/Tidyverse), Java/Scala, Excel, Tableau, Docker, and Unix/Linux/L4T

EXPERIENCE

Speech Research Scientist, Hoaloha Robotics– Seattle, WA 05/2018 – Present

- Developed and benchmarked speech recognition models using RNN's/LSTM's/GRU's in Python/Keras/TensorFlow for onboard/local speech inference in robotics at the edge platforms using Intel i7 and Nvidia Jetson based hardware.

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/Unicorn 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 Flask, Azure, and MS Cognitive Services suite that extracts links between adolescent risk behaviors and violence in text.

Data Scientist, Seattle Data for Good – Seattle, WA 02/2018 – Present

- Conducted analysis for several government projects.

Graduate Research Assistant, Andrews University/Loma Linda University – IPA 02/2014 – Present

- Completed several projects identifying social-behavioral outcomes of adolescent risk behaviors.

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