LARRY R PRICE, PhD

EXPERIENCE

OpenX, Senior Data Scientist Pasadena, CA (2015-Present)

- Design, prototype, and deploy a variety of machine-learning models to support OpenX's programmatic advertising marketplace
- Produce analyses and visualizations to solve business problems and provide new insights

Caltech, Senior Postdoctoral Scholar - LIGO Pasadena, CA (2010-2015)

- · Contributed to the first direct detection of gravitational waves
- · Led a working group of about 13 participants in a large scientific collaboration
- Organized and managed a large scale data science project involving 16 geographically dispersed researchers, resulting in several publications

University of Wisconsin-Milwaukee, Research Associate Milwaukee, WI (2007-2010)

- Pioneered advanced statistical methods in the search for gravitational waves
- Developed early universe simulation that performed 10x fast than the state-of-the-art

SKILLS

Technical

- Python, SQL, C/C++, Java, Hadoop (MapReduce, Hive), D3.js, TeX/LaTeX
- Bayesian and frequentist methods for Regression, Classification, and Clustering
- Neural Networks/Deep Learning, Trees, Bandits
- Principal Component Analysis, A/B testing, Time Series, Feature Engineering
- Unix. Linux
- Aptitude for quickly grasping new concepts in unfamiliar fields

Leadership

- Demonstrated ability to manage a diverse team at different career levels
- Oversee multiple projects and meet deadlines

Communication

- Excellent written and public speaking skills evidenced by publications and invited talks at international conferences
- Ability to present complex ideas in a clear and concise manner to a wide range of audiences across engineering, business and product

AWARDS

Breakthrough Prize (2016), For the first direct detection of gravitational waves

Gruber Cosmology Prize (2016), For the first direct detection of gravitational waves

EDUCATION

University of Florida Gainesville, FL (2002-2007), PhD, Physics

Reed College Portland, OR (1997-2001), BA, Physics