

Jonathon Price
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Experience
Los Angeles, CA
Principal Machine Learning Engineer
05/2016 – present

- Collaborate with others in crafting and implementing your technical vision
- Learn more about what we are doing at <https://www.zillow.com/data-science> and <https://www.zillow.com/engineering>
- Fast-moving, developer-driven organization full of brilliant and ambitious people
- Provide technical leadership to a strong team of data scientists, engineers, and analysts
- We build highly parallelized, big data, machine-learning applications in the cloud. Sounds like a Mad Lib of marketing jargon, but we're serious...that's what you'll be building
- Demonstrated technical project or product development leadership
- Expertise with data analysis languages such as Python, Scala, or R

New York, NY
Arity Machine Learning Engineer
08/2010 – 04/2016

- Provides influence and technical advice to Jr. level team members when developing solutions
- Develops and adapts best practices to design and build medium complexity machine learning systems
- Stay informed on the latest machine learning trends and techniques
- Proficiency in at least one programming language Matlab, Python, R, Java, C++
- Contributes to design and prototyping of medium to high complexity machine learning systems
- Have a passion for all things machine learning
- Proficiency in with at least one of the following relevant machine learning packages Scikit-learn, Weka, R etc...

New York, NY
Machine Learning Engineer
07/2007 – 06/2010

- Use machine learning and statistical modeling techniques to develop and evaluate algorithms to improve performance, quality, data management and accuracy
- Work with Adobe's research teams to take the state of the art in research and make great products and features
- Educational background in relevant field (Computer Science, Applied Math, Statistics, Operations Research, Physics, Computational Biology, or other quantitative fields)
- Work with product managers to formulate the data analytics problem
- Develop, simulate, test, and improve algorithms for predicting electrical load and generation

- Design lean proofs of concepts (POC) to answer targeted business questions. Explore and work with a wide range of proprietary, interesting data stores. Apply existing methods or develop new methods. Be creative!
- Building new models to extract more value from the customer data we collect, which will help us know more about users and merchants than anyone else in marketing or retail

Education

Bachelor's Degree in Computer Science

University of California, San Diego

Skills

- Work in a DevOps environment managing purpose-built, highly available, distributed, scalable cloud services
- Excellent problem solving skills, with attention to detail and focus on quality
- Solid understanding of mathematical foundations behind Machine Learning algorithms, and comfortable with discussing them in details
- Strong understanding and background in probability theory, random process, statistics, and optimization techniques
- Solid knowledge of linear algebra and convex optimization techniques
- Previous experience with either IR, NLP, text mining, machine learning or big data mining is highly desirable
- Can distill highly technical knowledge and techniques to collaborators outside the problem domain
- Proven track record delivering enterprise grade, scalable, secure & reliable software systems
- 2+ years' experience developing highly scalable machine learning/deep learning based applications and services
- Ability to work on data mining , data science projects with application engineering, quality engineers and product management