

Bradly Johnston
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Work Experience

Senior Software Engineer, Machine Learning

08/2016 - PRESENT

Phoenix, AZ

- Experience of managing Algorithm development teams
- Strong computer skills, specifically Microsoft Office, including Excel, Outlook and PowerPoint
- Work with application/platform engineers and data scientists to implement and efficiently scale Machine Learning Platform & Applications
- Build and enhance machine-learning platform by absorbing best-of-breed tools, techniques and best practices
- Work closely with the other engineering team to improve our machine learning infrastructure and data quality
- Identify new opportunities to apply machine learning to different parts of the e-commerce experience
- Design and run experiments to advance our machine learning understanding and techniques
- Use your mathematical, statistical and programmatic knowledge to search, analyze, and model to enhance customer experience
- Selects tools and methodologies for the platform

Machine Learning

06/2012 - 05/2016

Phoenix, AZ

- Responsible for analyzing large data sets to develop custom models and algorithms to drive business solutions
- Responsible for training the algorithms so they can be applied to future data sets and provide the appropriate recommendations in real time
- Responsible for researching new trends in the industry and utilizing up-to-date technology (for example, HBase, MapReduce, LAPack, Gurobi)
- Build learning systems to analyze and filter continuous data flows
- Combine data features to determine models
- Develop custom data models to drive recommendations
- Produce fully functional mobile applications writing clean code
- Support the entire application lifecycle (concept, design, test, release and support)
- Gather specific requirements and suggest solutions for continuous improvement

Machine Learning Intern

07/2006 - 12/2011

Dallas, TX

- Design a data pipeline to make it easy to do feature engineering & build ML models
- Duration: 12 weeks
- Deep knowledge of AI
- Education in computer science
- Well experienced (at least 1 year) in programming with R, Python and other "AI" programming languages in real AI/machine learning applications
- Knowledge and usage of the open source machine learning frameworks available on the market, like Tensorflow, Python ML and others
- Knowledge of Feature Vector Construction
- Good mathematical understanding

Education

University of Mount Union

2001 - 2006

Science's Degree in Computer Science

Professional Skills

- Analytical thinking skills, with demonstrated ability to dive deep into quantitative and qualitative data to solve problems and improve customer experience
- Strong object-oriented programming and design skills, excellent C++ programming expertise
- Strong and proven software development skills
- Strong visual design skills, and experience in UI design, and its methodologies
- Strong coding skills in python, keras, sklearn and tensorflow or cntk
- Demonstrated programming skills in C++/C and Python
- Proven skills to work with relevant machine learning frameworks (e.g. Tensorflow, PyTorch)