

Online Machine Learning Intern Online Machine Learning Intern Online Machine Learning Intern - Amadeus IT Group Waltham, MA To obtain a full-time job in Data Scientist or related to Machine Learning. Sponsorship required to work in the US Work Experience Online Machine Learning Intern Amadeus IT Group January 2017 to Present Conducted data analysis in travel IT industry and helped company get more insights on customers shopping patterns, which improves the airline inventory quality. Designed online learning classification system for flights inventory updating mechanism by building different machine learning models (Gradient Boosting Tree + Logistic Regression and DNN) to process thousands of billion requests streaming traffic per day. Achieved better accuracy by leveraging online learning methods. Improved existing offline model generating architecture to make evaluation faster and more adaptive to real-time traffic. Data Scientist and Python Developer Intern Neuroscouting LLC May 2016 to August 2016 Analyzed baseball game data to understand players' ability and prospect. Simulated and predicted players' performance using Functional Data Analysis methods for time-series longitudinal data in R. Built GUI for data analysis platform and did unit tests in Python. Education Master of Science in Data Science Worcester Polytechnic Institute - Worcester, MA May 2017 Bachelor of Science in Applied Mathematics Zhejiang University - Hangzhou, CN May 2015 Skills AWS (Less than 1 year), C++ (Less than 1 year), Git (Less than 1 year), Hadoop (Less than 1 year) Additional Information SKILLS Programming Languages: SQL, Python, R, Java, C++, Scala, Pig, Matlab Tools: MySQL, MongoDB, Hadoop, Spark, AWS, OpenCV, Linux Shell, Git, Tableau Analytic Packages: Numpy, Pandas, Scikit-learn, Tensorflow, NLTK, xgboost, Gensim, Vowpal Wabbit

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