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| Kiem Nguyen  <https://github.com/KiemNguyen> |  | (773) 571-5656  kiem.nguyen@exvy.com |
| **Employment** | | |
| **Lead Senior Consultant** | **Olenick & Associates** | 01.2013 - Present |
| * Use Python, Pandas, NumPy, SciPy, scikit-learn, and Machine Learning techniques for projects such as creating visualization of earnings, predicting the price of the SP500, predicting the number of bike rentals. * Built an Artificial Neural Networks (ANN) using Theano, Tensorflow, and Keras to predict which customers are leaving a client's financial institutions with 86% of accuracy. | | |
| **Software Engineer in Test - Consultant** | Echo Global Logistics | 05.2016 – 08.2017 |
| * Designed automated test cases to test RESTful Web Services to assure the quality of a functional domain. * Performed data validation after $420 million merge of Echo Global Logistics and Command. | | |
| **Software Engineer in Test - Consultant** | **Chicago Mercantile Exchange** | **02.2015 – 05.2016** |
| * Built a test automation framework for testing options / futures real-time engine, and risk engines so that CME Group now flawlessly handles millions of trades moving billions of dollars every day. * Behavior-Driven Development using Java, Cucumber, JUnit, HSQL to model and validate test scenarios. | | |
| **Software Engineer - Consultant** | NexLP | 10.2014 – 01.2015 |
| * Set up a complex Jenkins continuous integration server from scratch for Deep Learning and Machine Learning project to derive actionable insight from unstructured and structured data. * Wrote a custom script for build targets including unit and integration tests compilation and execution. * Leveraged distributed system to process large amount of data. | | |
| **Software Engineer - Consultant** | **Chicago Mercantile Exchange** | **04.2013 – 06.2014** |
| * Developed data analysis and visualization functions for a forecast tracking tool to manage project portfolio, project financial, and resource estimation using SQL and Oracle APEX framework. * Architected database objects to support web interfaces. | | |
| **Education** | | |
| **Chicago, IL** | **DePaul University** | **2006 –2012** |
| * Master of Science in Computer Information Systems with Distinction–**GPA: 3.9/4.0** * Member of of Upsilon Pi Epsilon (International Honour Society for the Computing Sciences) * Bachelor of Science in Computer Information Systems * Coursework: Python, Java, Databases, Algorithms, Calculus, Artificial Intelligence. | | |
| **Technical Experience** | | |
| **Training** | | |
| * Machine Learning * Neural Networks and Deep Learning * Stanford University - Technology Entrepreneurship Certificate with Distinction | | |
| **Languages and Technologies** | | |
| |  |  | | --- | --- | | **Languages** | Python, Java, SQL, XML, CSS. | | **Databases** | Oracle, SQLite, PostgreSQL, Map-Reduce, Hive, Spark. | | **Libraries/Tools** | Pandas, NumPy, SciPy, Matplotlib, seaborn, scikit-learn, BeautifulSoup, Plot.ly. | | **Machine Learning** | TensorFlow, linear regression, logistic regression, cross-validation, K-Fold cross validation, K-means clustering, gradient descent, neural networks, random forests. | | **Others** | Jenkins, Bamboo, Nexus, Maven, Ant, Git, Jira, REST, Unix, Web2Py, Agile. | | **Testing Tools** | Junit, Cucumber, Selenium, SoapUI, Fiddler, JMeter, BlazeMeter, Robot FW, HP ALM | | | |