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| 4531 N. Kimball Ave. #3 Chicago, IL 60625 | **KIEM NGUYEN** <https://github.com/KiemNguyen> | Phone: (773) 677-8182 KiemNguyen@Gmail.com |

**EDUCATION**

**DePaul University, Chicago, Illinois** June 2007–Sept 2008 & Sept 2011–June 2012  
Master of Science in Computer Information Systems (MSIS) with Distinction–**GPA: 3.9/4.0**

Member of Upsilon Pi Epsilon (International Honour Society for the Computing Sciences)  
 **DePaul University, Chicago, Illinois** Jan 2003–March 2006Bachelor of Science in Computer Information Systems  
*School Coursework:* Java I & II, Oracle 11g Database, Object Oriented Modeling, Framework for Web Application Development (Python & Web2Py), Social Networking Apps, Advanced Scripting Technologies.

**TECHNICAL SKILLS**

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| Languages: | Java, Python, PL/SQL, JavaScript, XML, HTML, CSS. |
| Databases/Tools: | Oracle 11g, SQLite, PostgreSQL, HDFS, Map-Reduce, Hive, Spark, Matplotlib, Pandas. |
| Machine Learning: | Linear regression, scikit-learn, 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, Oracle APEX, Android SDK and Tools, Mobile UI Design, RESTful Web Services, Amazon Web Services, Unix, WordPress development, Web2Py, Agile development (Scrum, XP). |
| Testing Tools: | JUnit, TestNG, Cucumber, Selenium, Robot FW, HP Quality Center 11. |
| Software: | Eclipse IDE, IntelliJ IDEA, Android Studio, Oracle PeopleSoft, MS Visio, MS Project. |

**EXPERIENCE**

**Olenick & Associates** 01.13 – Present

*Software Engineer*

* Use Python and Pandas for projects such as finding patterns in Chicago crime, creating a visualization of earnings bases on college majors and a visualization of the gender gap in college degrees, and analyzing school clean dataset by making maps and visualizations.
* Developed GigScout - Live Music Discovery Android app from scratch with Parse API and SeatGeek API. Trained new hires on Android development, unit testing, and best coding practices.
* Established and developed a pilot test automation framework built on top of Python with Robot framework, Java with Selenium framework as part of an internal Olenick & Associates initiative. The framework will ultimately be leveraged as part of an internal Talent Academy course for new hires.

**Echo Global Logistics** 05.16 – Present

*Software Engineer in Test – Consultant*

* Identify and resolve software inconsistencies, ambiguities, and defects.
* Design and code automated test cases to test RESTful Web Services for the Service Enable team to assure the quality of a functional domain.
* Perform integration tests with the merge of Echo Global Logistics Optimizer application and Command application after $420 million acquisition.

**CME Group** 02.15 – 05.16

*Software Engineer in Test – Consultant*

* Java Developer on Cucumber test automation framework for testing options settlement engine, options client API, options real-time engine, futures real-time engine and theoretical pricing engine.
* Behavior-Driven Development using Java, Cucumber, JUnit, HSQL to model and validate functional test scenarios under Windows 7 and Linux.
* The main person in the team to set up One Click Deployment plans, Sonar plans, and Build/Test Automation plans in Bamboo for 8 different applications.
* Shell scripting to test and verify messages from multiple engines on a Tibco bus.

**NexLP**  10.14 – 01.15

*Software Engineer – Consultant*

* Set up a complex Jenkins continuous integration server from scratch for Deep Learning, Neutral Networks and Machine Learning project to derive actionable insight from unstructured and structured data.
* Write a custom Ant’s script for build targets including unit and integration tests compilation and execution.
* Set up email notifications for on commit and on scheduled nightly builds with complex requirements.

**CME Group** 04.13 – 06.14

*Software Developer – Consultant*

* Developed project portfolio management, project financial management, resource estimation and forecast tracking tools for the Enterprise Solutions division. This includes a component to gather high-level resource requirements for scoping project work in its early stages, a component for inputting monthly staffing plans, and a component for a collection of project details, including approved budget.
* Architected database objects to support web interfaces.
* Designed web pages with classic and interactive reports for tracking project status and portfolio performance.

Environment: Oracle APEX, SQL, PL/SQL, JavaScript, HTML, CSS, Jira.

**Billeon Financial Group** 06.12 – 01.13

*Software Developer*

* Developed complex sales commission application utilizing high-level architecture, design pattern and reusable code, supporting a compound sales growth of 10 percent.
* Utilized a bug tracking system to track bugs and change requests.

**BPMB LLC.** 10.08 – 09.11

*ERP Developer*

* Converted to Oracle’s PeopleSoft HCM V9.0 from 8.3 with a team of 10 consultants, leading to a 40 percent improvement in technical and functional efficiency.
* Provided coding solutions to problems using a structured approach, placing a high value on the long-term maintainability which caused the Bugs at the “critical” level to drop 20 percent.
* Tested coded solutions properly against customer acceptance criteria to ensure a quality application.

**BPMB LLC.** 05.06 – 05.07

*System Analyst, Intern*

* Created test plans from business requirements and technical specifications.
* Monitored payroll and benefits interfaces to assure quality and consistency of data transmissions.

**TRAINING**

* Programming Mobile Applications for Android Handheld Systems Certificate with Distinction:

<https://www.coursera.org/account/accomplishments/records/C5ZZ6tH6ez4BykVp>

* Stanford University - Technology Entrepreneurship Certificate with Distinction
* HP Quality Center 11
* Apache Hadoop