# Gabe Mendoza

SOFTWARE ENGINEER

3312 W. Pershing Rd, Chicago, Il 60632

+1-312-912-4923 | g.mendoza1083@gmail.com | mendozagabe1618 | mendozagabe1618

## Education

**University of Illinois - Chicago**                                                    *Chicago, Illinois*
BACHELOR OF SCIENCE IN COMPUTER SCIENCE                                                  *Aug 2012 - Dec 2016*

## Technical Skills

**Languages**   Java, Scala, Groovy, C#, Powershell, Python
**Tools**   Jenkins, Chef, Docker, Visual Studio Code, Git, TeamCity, SCVMM and Hyper-V

## Experience

**Relativity**                                                                          *Chicago, Illinois*
SOFTWARE ENGINEER - ENGINEERING OPERATIONS                                              *May 2017 - Nov 2018*

- Implemented shared global libraries in Groovy and Powershell to provide common functionality orchestrating the spin up of CI/CD servers, running Chef Cookbooks, and reporting via Slack's API
- Wrote a Powershell module that facilitates running Python Robot and NUNit integration tests locally and in CI/CD
- Maintained Chef cookbooks in Ruby and Powershell to manage VM dependencies for all the servers in CI/CD
- Utilized Jenkins, Packer, and Azure VM Agents to provide scalable infrastructure capable of building .NET Core and Linux based Docker Containers
- Migrated the Relativity build from TeamCity to Jenkins to centralize on a single tool to orchestrate CI/CD
- Provided support for in house Python Packages, Powershell Module, Groovy Shared Libraries, and mission critical CI/CD servers such as Jenkins masters, TeamCity, BitBucket, static build agents, file servers

**Relativity**                                                                          *Chicago, Illinois*
SOFTWARE ENGINEER - PROCESSING                                                          *Jan 2017 - May 2017*

- Support and defect fixes for Invariant, the data ingestion engine, written in C# and Managed C++
- Improved developer efficiency through automation with Chef in Ruby and Powershell to validate vital VM configurations prior to running the nightly pipelines

## Projects

**Personal Automation**
A REPEATABLE JENKINS MASTER INSTALLATION FOR PERSONAL AUTOMATION AND HISTORY TRACKING            *Oct 2018 - Nov 2018*

- Implemented as Infrastructure as Code with Groovy and Powershell to provide an easily reproducible Jenkins for personal automation on a developer's local environment
- Leverages Docker containers to provide infrastructure that is system agnostic. Can run anywhere that has Docker

**Source Code Search Engine**
A FAST SEARCH ENGINE FOR PUBLICLY AVAILABLE GITHUB PROJECTS WITH ELASTICSEARCH ON THE BACK-END   *Nov 2016 - Dec 2016*

- RESTful API written in Scala with Akka Actors and Akka HTTP
- Deployed to Google Compute Engine using Docker containers running on Kubernetes

**Named Entities Word Count Analyzer**
A DISTRIBUTED MAPREDUCE SYSTEM THAT CALCULATES THE NAMED ENTITIES FROM A WIDE RANGE OF FILE FORMATS   *Nov 2016 - Dec 2016*

- Written in Java in a Hadoop MadReduce model on HortonWorks Data Platform on a local environment
- Uses Apache Tika and OpenNLP to extract, parse, and analyze a large dataset of scientific research papers from arxiv.org

**Stock Market Simulator**
PROVIDES A LEARNING SANDBOX FOR TRADING IN THE STOCK MARKET USING NEAR-REAL TIME MARKET DATA     *March 2016 - May 2016*

- Written in C#/ASP.NET with Microsoft SQL Server in the back-end to store transitional records and historical data

## Interests

Playing Guitar, Fellow Ravenclaw, Amateur Ping Pong Player, Pokemon Trainer