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## Objective

Seeking a Software Development Intern position for Summer 2017.

## Education

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<b>University of Virginia</b> <i>Charlottesville, VA</i>	3.93/4.0	Dec 2017
Master of Computer Science		
Relevant Coursework: Design and Analysis of Algorithms • Internet Scale Applications • Machine Learning Computational Visual Recognition • Natural Language Processing		
<b>Fudan University</b> <i>Shanghai, China</i>	3.08/4.0	Jul 2010
Bachelor of Engineering in Software Engineering (Fudan & University College Dublin Joint Program)		
Relevant Coursework: Java Programming • Database System • Operating System • Data Structures and Algorithms Introduction to Web Applications • Object-Oriented Programming • Software Engineering		

## Work Experience

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<b>Citigroup</b> , <i>Shanghai, China</i>	Jul 2010 - Aug 2016
<i>Assistant Vice President (Java Team Leader)</i>	
RCAST Reporting - A centralized Citi risk regulatory reporting platform. (E-Core, SparkJava, Spring, Hibernate, Oracle, EHCACHE, JDK 8, Google Guice, Google Guava, MyBatis)	
<ul style="list-style-type: none"><li>• Developed the UI based on internal web framework named E-core.</li><li>• Researched and introduced Google Protobuf as message payload between client and server.</li><li>• Implemented HTTP server side architecture using Command Pattern based on Jetty.</li><li>• Redesigned the architecture using SparkJava as an embedded-jetty framework to populate restful web services.</li><li>• Developed the ETL framework based on EHCACHE.</li><li>• Promoted JDK upgrade from 7 to 8 and host one share session about JDK 8 within the team.</li><li>• Set up TeamCity, Jenkins and Sonar for project quality assurance.</li></ul>	
<i>Java Developer</i>	
CVA Reporting - A batch based ETL and analytic system to calculate and report credit risk measures. (Flex 4, JMS, Spring Batch, Sybase, Drools)	
<ul style="list-style-type: none"><li>• Redesigned and implemented the whole project using Java to replace the original Perl based system.</li><li>• Implemented scheduler service using Spring Batch.</li><li>• Established the communication between scheduler and other services using JMS.</li><li>• Designed and implemented a re-usable Excel reader module for adjustment file upload based on Apache POI.</li></ul>	

## Project Experience

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<b>Twitter Sentiment Analysis</b> - <a href="https://github.com/MinghuaJiang/Twitter-Sentiment-Classification">https://github.com/MinghuaJiang/Twitter-Sentiment-Classification</a>	Dec 2016
Twitter-Sentiment-Classification implemented using Naive Bayes, SVM, CNN, LSTM with a web application built based on Flask. Python, Flask, Bootstrap, TensorFlow, Lasagne, scikit-learn	
<b>Storefront Recognition</b> - <a href="https://github.com/MinghuaJiang/storefront_recognition">https://github.com/MinghuaJiang/storefront_recognition</a>	Dec 2016
A storefront recognition system based on the combination of supervised and unsupervised learning with a web application built based on Flask. Python, Flask, Bootstrap, Torch, Yelp API, Google Street View API, GoogleMap Geocoding API.	
<b>BoxLink</b> - <a href="https://github.com/MinghuaJiang/BoxLink">https://github.com/MinghuaJiang/BoxLink</a>	Sep 2016
Desktop file sharing tool which allows user to drag and drop files into it and get the shared link from clipboard automatically based on Box. Java, OAuth 2, Box Restful API	

## Technical Skills

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**Languages:** Java(Expert), Perl(Expert), Shell Script(Expert), Python(Familiar), Lua(Familiar)  
**Java Frameworks:** Spring, Google Guice, JUnit, Hibernate, MyBatis, Google Guava, EHCACHE  
**Machine Learning Tools:** Torch, TensorFlow, Keras, Theano, Lasagne, scikit-learn, NumPy, SciPy, NLTK  
**Databases:** Oracle, Sybase, MySQL  
**Web Technologies:** Restful Web Services, JMS, Java EE, Web Containers like Jetty, Tomcat, Websphere

## Certification

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Oracle Certified Professional Java SE 8 Programmer	Feb 2016
Oracle Certified Professional Java SE 7 Programmer	Jan 2016

## Awards & Honors

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<b>Citi CTO Platinum Excellence &amp; Dazzle Award 2015 Q4</b>	Dec 2015
Quarterly Citi CTO Global Award for those who have inspired team excellence through leadership and consistently demonstrated outstanding performance and leadership.	
<b>Citi Spot Award 2013 Q4</b>	Dec 2013
Quarterly Citi Regional Award to recognize and reward employees regionally with best quarterly project contribution.	