

# Ning Kang

+1(202)374-6128, [kawaigin@gmail.com](mailto:kawaigin@gmail.com), <https://github.com/KevinGG>

## Education

M.S. in Computer Science

George Washington University

2013 ~ 2015

B.E. in Computer Science and Technology

Zhejiang University

2009 ~ 2013

## Experience

### Software Engineer, Cerner

10/2015~present

- Automate pharmacy workflow by utilizing software engineering technologies such as Java, Oracle, C++. Build solution agilely, and ensure product quality with white-box and black-box tests. Engineering and releasing features, service packages and exception packages.
- Support and configure team Jenkins servers with Linux administration and shell scripting.
- Develop and improve internal applications, services and tools from scratch or existing dependencies. Knowledge transfer innovative investigation and development results among platform dev team through lightning talks, book study and meetings.

### iOS Software Developer, incVersity ([www.careersunbound.com](http://www.careersunbound.com))

10/2014 ~ 01/2015

- Lead mobile app development of innovative online human resource platform.
- Cooperate with web service team for data mining, storage, retrieval and visualization.

### Web Developer, Kuttlefish ([www.kuttlefish.com](http://www.kuttlefish.com))

01/2014 ~ 05/2014

- Design, implement, deploy and integrate craigslist-style message board system under LAMP.
- Improve website user interface experience with Node JS, blueImp and jQuery.

## Projects

### Pharmacy test framework and tools

- Automate pharmacy black box tests by creating test framework, test plans and test cases with Java and Junit, realize multi-domain multi-login privileged execution through JAAS, and increase the requirement coverage for pharmacy team in Cerner.
- Create and share Junit test scan utility with bash script and Java executable to static scan any file structure and generate test requirement tracing report.
- Create Jenkins jobs with full stack configured Linux server, shell script, tool chain and mounted file share for continuous development with OWASP vulnerability scan, fortify scan, maven build, site publish, test, automated jenkins job creation and etc, for various maven and jdk versions choices.
- Create i18n web app with Spring and JDBC to support test data creation across multiple test domains.
- Create scripts and programs to automate software development, test and release workflows.

### iOS Apps - Rainbow Crash, GoBang#, Count One Second, bubbleView, RPSHimmer and etc.

- Lead and teamwork within agile development environment as a full stack engineer.
- Design UX and set up engineering framework for iOS apps ranging from games to office tools.
- Create useful and commonly needed iOS components and share them on github.

4 personal apps in the App store and involved in 2 enterprise apps.

### Web Applications - [www.iakworkshop.comuv.com](http://www.iakworkshop.comuv.com), [www.kuttlefish.com](http://www.kuttlefish.com) and etc.

- Design web UI with HTML, CSS and JS. Security form validation realized. Setup Apache server on cloud. Script web service with PHP. Manage data with MySQL. Version and code control by Github.

### General Computer Science Research - Social Media, Big data and etc.

- A Twitter Data Crawler Application. Based on it, *A Research of Directed Closure among Small Nodes on Twitter. Research of a Generation Model for Online Social Network with Attributes of Node.*

## Proficient In

Java, Maven, Git, Agile, Automated Junit Test, Shell(Bash - MinGW, Linux, Unix), Web Service

## Skilled In

Jenkins, Spring(MVC and REST), Hibernate, iOS(objective-c), HTML(Thymeleaf), CSS(Bootstrap), JavaScript(jQuery), SQL(MySQL, Oracle), PHP, C++, C, Video Editing