

# YI LU

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## EXPERIENCE

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### **MobiTV, Inc**

June 2014 - September 2014

*Intern Platform Engineer & iOS Developer*

- Used Java EE with Spring Framework to develop in MobiTV's user management system.
- Used Python to write a server development testing tool based on CURL with colleague.
- Used Objective-C to develop MobiTV's example iOS app for its clients.
- Used Bamboo platform to do sanity test during development.
- Used Jira to collaborate with colleagues during development.

### **Moonkey, Inc**

March 2013 - June 2014

*Software Engineer*

- Created an iPhone application that allows users to post listings or choose a radius and view listings within that distance, they can communicate with others through chatting/walkie-talkie features built in to the app:
  - Configured the backend server to run Node.js, MySQL, and Sphinx
  - Used Redis as a cache and Redis pub/sub as inter-process messenger
  - Used Socket.IO to build the chatting/walkie-talkie feature
  - Used RESTful API to send JSON between Server-Client to handle posting and getting of listings
  - MySQL and SQLite to store data on server-side and client-side respectively
  - Used Sphinx to optimize searching full-text description on server
  - Used Facebook Graph API to simplify our registration/login process
  - The application is writing in Objective-C according to the MVC pattern
  - Used git on GitHub to maintain the project

### **Honeywell International, Inc**

July 2012 - September 2012

*Intern Software Engineer*

- Worked in Honeywell Automation& Control Solutions. Creating a web-based petroleum transportation end-point management system for petroleum refineries with ASP.NET:
  - The application is written in C# and presented with HTML as front end.
  - Used SQL Server to store and sync data with datacenter with LINQ and lambda expression.

## EDUCATION

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### **University of California, Davis**

B.S. in Electrical Engineering & Computer Engineering

## SKILLS

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### **Computer Languages**

Objective-C, Javascript (Node.js), C/C++, Python, Java, PHP, C# (ASP.NET), Javascript (jQuery)

### **Databases**

MySQL, SQLite, Redis, MongoDB, SQL Server

### **Tools**

git, Vim, L<sup>A</sup>T<sub>E</sub>X, Jira