

# WILSON DING

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## EXPERIENCE

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### **Optimal Asset Management Ltd**

January 2016 - August 2016

*Software Developer (Contract)*

*Los Altos, CA*

- Built (sole developer) web service in Node.js utilizing machine learning and natural language processing
- Worked with graphic designer to build responsive, mobile-first corporate website for product release
- Created algorithm resulting in a 34% increase in effectiveness of product marketing and outreach

### **IBM**

June 2015 - December 2015

*Software Engineer (Co-Op)*

*Austin, TX*

- Implemented hashing and sorting functionality within a CLI file parser for verification testing
- Created and deployed EAR container for Java EE 7 compliant code samples as customer-facing application
- Performed UI/UX testing on World Community Grid (BOINC), a 2.7 million+ device super-computing grid
- Organized and led the Future Blue Committee in weekly meetings to plan for 550+ member intern program
- Assisted in the planning, redesign, and recruiting for the refreshed BluemixU campus ambassador program

### **MR Studios LLC**

December 2014 - May 2015

*iOS Programmer*

*Dallas, TX*

- Integrated Apple iMessage and SMS/MMS services within application's own messaging system
- Assisted in user interface redesign and screen/menu simplification to enhance user experience

### **Fannie Mae**

July 2014 - October 2014

*Business Analyst/MIS (Intern)*

*Addison, TX*

- Compiled and manipulated over 400 detailed data reports over all programs/SAS datasets/variables
- Created progress dashboard and syntax highlighting plugin leading to 600% increase in productivity

## PROJECTS/AWARDS

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### **SpLifter**

*Won EagleHacks 1st Place Overall, Domain.com API Prize*

Realtime social networking platform for local ride-sharers to connect with nearby users to "split the lift"

### **IoFoods**

*Won HackUTD 2nd Place Overall*

Cross-platform, realtime IoT ecosystem for monitoring and tracking inventory of household perishables

### **Telephony**

*Won IEEE/IBM Watson Student Showcase*

IBM Watson cognitive application utilizing NLP to showcase translations and transformations of text strings

### **ProxyChat**

*Won TAMUHack 3rd Place Overall, Voter's Choice Award*

Offline social communicator that creates a daisy-chain, mesh network for P2P communication without internet

### **vibED**

*Won HackTX Finalist, National Instruments and IBM API Prizes*

Modular IoT hardware hack which monitors ambient environmental factors in relation to productivity

## TECHNICAL STRENGTHS

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### **Languages**

Java, C++, Swift, Python, Node.js, HTML5/CSS3

### **Technologies**

J2EE, Cocoapods, CocoaTouch, Bootstrap, REST, Git, Markdown, Agile/Scrum

## EDUCATION

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### **University of Texas at Dallas**

*Expected June 2018*

B.S. in Computer Science