

✉ weikunl@andrew.cmu.edu  
🌐 weikunliang.com  
☎ (412) 638 9865

# Weikun Liang

## EDUCATION

### **Carnegie Mellon University**

*Pittsburgh PA • May 2016*

BS in Information Systems,  
Human Computer Interaction  
QPA: 3.85/4.0

## TECHNICAL SKILLS

HTML, CSS, JavaScript  
Ruby on Rails  
Python, C, Java, Mason (Perl)  
SQL, SQLite, Postgres, MongoDB  
Git (version control)

## DESIGN SKILLS

Adobe Illustrator, InDesign, Photoshop  
Wireframing  
Interaction Design  
User Interface Design  
Visual Design

## RELEVANT COURSES F2015 Courses\*

Building Distributed Applications\*  
Principles of Imperative Computation  
Application Design and Development  
Software Development Project  
User-centered Research & Evaluation\*  
Prototyping Tools for Embodying UX  
Design\*  
Software Structures for User Interfaces  
User Interface Mobile Lab  
Gadgets, Sensors & Activity Recognition  
Cognitive Psychology  
Interaction Design Studio  
Information Design  
Service Design\*

## LEADERSHIP

**Joint Funding Committee Representative  
- Student Body**  
*2014-2015*

**Vice President of Public Relations and  
Marketing - Alpha Chi Omega Sorority**  
*2013-2014*

**Treasurer - Awareness of Roots in  
Chinese Culture**  
*2013-2014*

**Alpha Phi Omega Service Fraternity**  
*2013-2014*

## EXPERIENCE

### **Software Development Engineer - Amazon**

*Summer 2015 • Seattle, WA*

Responsible for implementing a UX design that improves the customer's sampling experience of kindle books on the mobile web browser

### **Technical Consultant - Pittsburgh Parks Conservancy**

*Spring 2015 • Pittsburgh, PA*

Redesigned and developed an Android and iOS application for Pittsburgh Parks. Collaborated with team members and client to develop the software using agile approaches

### **Business Intelligence Intern - Endurance Specialty Insurance Ltd.**

*Summer 2014 • White Plains, NY*

Developed and maintained reports using SSRS and Microsoft Visual Studio. Assisted in implementing new technology - Cognos Business Intelligence. Interacted with different teams in the IT department in gathering data to produce data warehouse architecture diagram of the company, used to assist the CIO in server replacement decisions

### **Research Assistant - Carnegie Mellon University Department of Social Sciences**

*Fall 2012 • Pittsburgh, PA*

Designed and built a user interface to collect data from various students for a research project in the Department of Social Sciences at Carnegie Mellon University. Compiled data into a SQLite database to perform analysis.

## PROJECTS

### **Meaning Bee - Independent Study**

*Spring 2015*

Designed and prototyped a game that is similar to Spelling Bee, but focuses on the meaning of words instead of their spelling. Performed user testing with prototype.

### **Android Application**

*Fall 2014*

Designed and developed an Android application which allowed users to take or upload a photo and add drawings to it. Offered many templates for the user to form beautiful photo collages from photos in the phone's gallery.

### **Ruby On Rails Application**

*Spring 2014*

Designed and built a Ruby on Rails application for a chess camp which supported registration for different level chess classes. Developed the Model, View, and Controller for over 10 models, and formulated sufficient unit testing. Involved user authentication which allowed various users to log in to update their profile or manage registration.

### **Andy Warhol Museum Website**

*Fall 2013*

Designed and programmed a fully functional website for a fictitious Andy Warhol Museum. Contained various functionalities such as navigation, form, and Google maps. Included an interactive Web 2.0 interface designed using JQuery.

### **Python Application**

*Fall 2012*

Designed and programmed a Christmas version of the Helicopter game. Contained over 1000 lines of code and focused on object-oriented programming.