

# ANGELA LIU

angelacliu.com

## EDUCATION

Carnegie Mellon University  
BS in Information Systems &  
BS in Human-Computer Interaction  
Expected May 2016  
GPA 3.37

Will pursue a MS in HCI at CMU  
Expected December 2016

## RELEVANT COURSEWORK

### Development:

- Fundamentals of Programming and Computer Science
- Principles of Imperative Computation
- Concepts of Mathematics
- \*\*Big Data and Analytics
- \*\*Application Design and Development
- \*\*Advanced Web Design

### Design:

- Interaction Design Fundamentals
- \*Software Structures for User Interfaces
- \*SSUI Mobile Lab
- \*User Centered research and Evaluation
- \*Game Design Studios
- \*Cognitive Psychology
- \*\*Sensemaking
- \*\*Methodology in Visualization

\*Currently taking

\*\*Taking in the Spring

## HONORS AND AWARDS

First Place in Deloitte Case Competition  
Fall 2013

## CONTACT INFORMATION

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U.S. Citizen

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## PROGRAMMING

Java / XML  
Python  
C  
C++  
TCL  
Unix/Linux

## WEB DEVELOPMENT

HTML  
CSS  
JavaScript/jQuery/Meteor  
Django (Basic)  
PHP (Basic)

## DESIGN

Adobe Creative Suite  
Sketch (Bohemian)  
lo-fi & hi-fi mockups  
Design Language

## EXPERIENCE

### Cisco Systems

Software Engineer Co-Op / January 2014 - August 2014

- Executed regression and upgrade tests of TCP/IP protocols, logged issues, and drove them to resolution
- Reproduced, debugged, modified, and committed scripts based on customer reported bugs
- Developed test beds and test automation in Cisco's ATS environment
- Integrated cloud topologies using Cisco's virtual machine based platform IOS XRv

### Ooyala Inc

Sales Engineer & Business Dev Intern / June 2013 - November 2013

- Designed and implemented various multi-day 20+ module engineering training workshops
- Translated Ooyala product, processes, and methodology into keynotes, workbooks, and exams
- Performed competitive analysis and produced research reports and recommendation proposals

### Actnet Advanced Technology Corporation

Assistant Manager's Intern / July 2007 - August 2012

- Created marketing materials from business cards to product flyers
- Analyzed business strategies to expand client pool and attract return customers and referrals

## ACTIVITIES

### CMU Enactus

Webmaster / August 2013 - Present

- Reconstructed and built website from scratch
- Manage organization's online presence and maintain up to date information

### TEDxCMU

Head of Logistics / April 2013 - May 2014

- Handled all communication, scheduling, and organization of team and partners for the event

## RESEARCH

### IdeaGens: A Social Ideation System for Guided Crowd Brainstorming

Developer and Interaction Designer / September 2014 - Present

- Define the design language and translate to low-fidelity wireframes and eventually high-fidelity prototypes
- Develop and program frontend and backend functionalities

## PROJECTS

### Personal Spotify and Music Visualizer

Term Project for 15-112 Fundamentals of Programming and CS

- Analyzed various genres of music and created an algorithm to find songs with similar beat, rhythm, etc
- Designed a radial music visualizer emphasizing the bass and melody of the song played