ANGELA LIU

angelacliu.com

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

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

DESIGN
Adobe Creative Suite
Sketch (Bohemian)
User-Testing
lo-fi & hi-fi mockups
Design Language
Log Analysis

EDUCATION

Carnegie Mellon University
Expected 2016
GPA 3.37

BS in Information Systems &
BS in Human-Computer Interaction

Will Pursue MS in HCI
Expected May 2017

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
· **Interaction Design Studio
· **Sensemaking

  *Currently taking
  **Taking in the Spring

HONORS AND AWARDS

First Place in Deloitte Case Competition
Fall 2013

CONTACT INFORMATION

(415) 987 - 9220
angelaliu22@gmail.com
U.S. Citizen

5000 Forbes Ave
SMC 1606
Pittsburgh, PA 15213

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 Coroporation
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