

+SHEILA CHAN

Current: 5000 Forbes Avenue

SMC 2986

Pittsburgh, PA 15289

Permanent: 13533 1/2 Village Drive

Cerritos, CA 90703

sheilachan@cmu.edu

(562) 412-6546

US Citizen

Programming

Ruby on Rails

Python

Java

HTML5

CSS

Javascript

Database

mySQL

Oracle

plsql

PostgreSQL

plpgsql

mongodb

Version Control

Git

CMS

Joomla 3

Operating Systems

Windows

Mac OSX

Redhat Linux

Ubuntu

Software

Word

Excel

Powerpoint

Photoshop

Illustrator

InDesign

Premiere

Vi Text Editor

Language

Chinese (advanced)

+EDUCATION

Carnegie Mellon University, Pittsburgh, PA

Bachelor of Science in Information Systems, December 2013

Minor in Human Computer Interaction, Chinese Studies

QPA 3.60/4.0

Dean's List, Fall 2010, Fall 2011, Fall 2012, Spring 2013

+WORK EXPERIENCE

Technical Intern, @Walmartlabs - San Bruno, CA

Classrooms at Walmart (June 2013 - August 2013)

+ Implemented new share and follow features on Classrooms (Ruby on Rails)

+ Improved school request feature

+ Implemented automated emails and tested them usingRSpec

+ Frontend additions (badges, modules, landing page)

Teaching Assistant, Carnegie Mellon University - Pittsburgh, PA

Application Design and Development, Ruby on Rails Course (Spring 2013)

+ Conducted weekly lab sessions (1:4 TA/student ratio)

+ Graded projects, assignments, and exams

Summer Intern, Union Bank of California - Monterey Park, CA

Enterprise Server Engineering (May 2012 - August 2012)

+ Upgraded ITG department's open source ticket request system

+ Created a process for migrating back-end from mySQL to Oracle

+ Responded to daily ticketing requests

+PROJECTS

Frontend Developer, Information Systems Application Project (Present)

+ Client: Pittsburgh Comedy Festival

+ Project: Ruby on Rails application

TBD, UX Tools for Prototyping (Present)

+ Client: BNY Mellon

+ Project: TBD

Design Lead, Software Development Project (Spring 2013)

+ Designed and implemented a travel abroad Ruby on Rails app, utilizing SDLC

+ Designed wireframes and an interactive prototype of the application

+ Implemented using MVC, performed unit and functional testing for the entire app

+ Conducted three rounds of user testing. Prototype > Local machine > Herokuapp

+ Utilized GIT for version control ;; customized Twitter Bootstrap for frontend

Developer/ User Research Lead, HCI Project (Spring 2013)

+ Designed and implemented a mobile parking application

+ Conducted user research for the application with a focus on user experience

+ Designed wireframes of the mobile application

Project Manager, Fundamentals of System Design Term Project (Fall 2012)

+ Redesigned the ordering system of a restaurant chain

+ Conducted an in depth risk analysis of the system

+ Composed the system's functional and quality attribute requirements, use cases

+ Designed the wireframes and site map of the system interface

+ Constructed the system's domain model and design models

Developer, Application Design and Development Project (Spring 2012)

+ Built a fully functional web-based Ruby on Rails application using MVC

+ Developed an ERD as well as database design in 3NF

+ Produced and ranked use cases for the application

+ Created and performed unit tests on the application

+ Established access levels to the application based on type of user

+ Designed a clean, intuitive interface for the application (highest grade for design)