MITRA RAMAN

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U.S. Citizen   www.mitraraman.me

EXPERIENCE

Software Development Engineer Intern
Apple Inc., Cupertino, CA
Summer 2013
Worked in the Cloud Services Localization team on internal tools to support iOS. Projects included working with maximum entropy models, cURL, C, C++, HTML, and Python.

Mobile Engineer
Flippo, Pittsburgh, PA
Spring 2013
Developed the front-end and back-end of the mobile web application for prototyping. Worked in HTML, CSS, MySQL, and JavaScript.

Software Development Engineer Intern
Amazon.com, Seattle, WA
Summer 2012
Worked in the Selections Monitoring team on internal tools. Projects included working with maximum entropy models, natural language processing, MySQL, HTML, CSS, and JavaScript.

EDUCATION

Carnegie Mellon University, Pittsburgh, PA
Expected Graduation: May 2014, GPA: 3.08
B.S. Computer Science
Minor in Business Administration
Minor in Human-Computer Interaction

COURSEWORK

Parallel Computer Architecture & Programming
Database Applications
Parallel & Sequential Data Structures & Algorithms
Principles of Imperative Computing
Functional Programming
Introduction to Computer Systems
Technical Communication for Computer Scientists
Designing Human-Centered Software
Social Web
Marketing
Principles of Economics

SKILLS

Languages
C, C++, Python, Java, HTML, CSS, JavaScript, SQL, SML, OpenMP, CUDA, Objective C

Applications
Dreamweaver, iLife, Microsoft Office, Balsamiq, InVision, Xcode, Eclipse, LaTeX

Environments & Tools
OSx, Linux/Unix, Git, Windows, iOS

SDKs
Facebook SDK, Google Maps SDK, Parse SDK

PROJECTS

Lien, iOS Application, Spring 2013
Enables users to organize spontaneous meet-ups with Facebook friends by showing friends' plans and who's nearby. Built front-end and back-end of application with 3 teammates in TartanHacks in Objective C, CSS, and SQL.

Light Project, Arduino Application, Spring 2013
Programmed a strip of arduino lights to go slower and dimmer as time increased. The lights were used in a night lamp built by a friend for her industrial design project. Written in Arduino programming.

SocialTraveler, Web Application, Spring 2013
Allows users to plan trips with their Facebook friends through an intuitive and elegant web application. Developed the idea, conducted user tests, and created multiple prototypes with 4 teammates using Balsamiq, InVision, Photoshop, HTML, CSS, SQL, and JavaScript.

MasterChef, Web Application, Fall 2012
Allows users to discover recipes using ingredients in their pantries and share recipes with friends. Built front-end and back-end of application with 3 teammates in Facebook's Pittsburgh Hackathon in HTML, CSS, Photoshop, SQL, and JavaScript.