

# Brian Yee

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## Spring 2011 Coursework

HCI Senior Project

Basic Interaction Design

Software Development Project

HCI Seminar - Sensemaking

IP Law & eCommerce

## Coding

HTML/CSS

JavaScript / AJAX

Ruby / Ruby on Rails

PHP

ActionScript 3.0 / Flex

Java

C

## Methodologies

Think-Aloud

Prototyping

Contextual Inquiry

Heuristic Evaluation

Keystroke-Level

Modeling

## Activities

67-272 Appl. Design &

Development

Teaching Asst.

67-250 Information

Systems Milieux

Teaching Asst.

Bhangra in the Burgh

Webmaster

Leonard Gelfand Center

Webmaster

TEDxCMU 2010

Webmaster

## Education

### Carnegie Mellon University

B.S. In Information Systems, 2012

B.S. in Human-Computer Interaction, 2012

Fall 2010 GPA: 3.83, Cumm. GPA: 3.6

Dean's List Fall 2008, Spring 2009

## Experience

### IBM | Software Engineering Intern, (UX)

Summer 2010 | San Jose, CA

- Created an application to help new users with IBM's enterprise database products using gaming principles and "serious play"
- Researched teaching methods and collaborated with writers to outline a theme and story
- Worked one-on-one with designers to produce high-fidelity mock-ups in Photoshop, then converted them into clickable Flex prototypes for testing
- Ran user tests with DBAs to determine the best interactions and practices to follow; compiled findings into a final report

### Hairbop.com | Developer

Spring 2010 | Remote

- Web and mobile development for a startup using Ruby on Rails 2/3, HAML and SASS.
- Redesigned forms to improve user flow and landing pages to increase conversions; used progressive enhancement to make the site accessible to all users

### Carnegie Mellon University | Cluster Consultant

Spring 2009-Present | Pittsburgh, PA

- Conduct troubleshooting and diagnostics of Windows XP/7, Mac OSX and Unix machines.

### OfficeMax | ImPress Sales Assoc.

Summer 2009 | San Jose, CA

- Worked directly with clients to design everything from resumes, posters and invitations.
- Within two weeks, had my responsibilities increased to independently opening, closing and operating the department.

### Cadence Design Systems, Inc. | Intern

Summer 2007 | San Jose, CA

- Lead a small team to assist the IT department in various tasks - physical audits, laptop repair and data recovery.
- Created a system using barcode labels, Microsoft Excel and Microsoft Access to keep track of server locations and configurations.

## Projects and Research

### Yahoo! Hackathon

- Worked in a small team to hack together a web app in 24 hours. Our applications have placed first in the HackPitch competition two years in a row.
- Hacks include ReStream, a collaborative streaming-media website using Node.JS and web sockets; personally created a chat widget and wrote all the HTML/CSS for the project.

### Vision Tracking (current)

- As part of my senior HCI project, I am working with Carnegie Mellon's Quality of Life Center to develop vision tracking software for assisting blind and physically disabled users.