

Gilbert Hernandez

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EDUCATION **University of California, Berkeley** | School of Information | Berkeley, CA
Master of Information Management and Systems, expected May 2013
Certificate in Management of Technology, expected May 2013

University of California, Berkeley | College of Engineering | Berkeley, CA
Bachelor of Science, Electrical Engineering and Computer Science, May 2006
Concentration in Communications, Networks, and Systems

SKILLS

HTML	User-Centered Design	Competitive Analysis	Adobe Creative Suite
CSS	Service Design	Prototyping & Iteration	Microsoft Office
Javascript	Persona Creation	Storyboarding & Wireframing	Balsamiq

EXPERIENCE **University of California, Berkeley** | Political Science Department | Berkeley, CA
Applications Programmer and Systems Administrator, June 2006 – Present

- Design and implement web services to improve administrative workflow and increase productivity
- Investigate and appraise new technologies for potential department benefit
- Address the computer system troubleshooting needs of over 200 staff, faculty, and students

PROJECTS

SFO Passenger Traffic Data Visualization | Information Visualization | Spring 2012

- Programmed a visualization of San Francisco International Airport passenger data in d3.js

Code for America: Everywhere | Information Systems and Service Design | Fall 2011

- Prototyped a social platform for citizens interested in Government 2.0 to collaborate on city projects

Tvanns | Information Organization Lab | Fall 2011

- Built a Twitter information visualization comparing trending topics between U.S. cities

LOGGS | Information Organization Lab | Fall 2011

- Implemented a personal photo diary iPhone application using HTML, CSS, jQuery Mobile, & PhoneGap
- Created paper prototypes and mockups for user testing and evaluation

Political Science Department Website Redesign | <http://polisci.berkeley.edu> | launched Fall 2009

- Worked with a 10-person team of faculty and staff members to modernize department website
- Utilized user-centered design principles such as personas and user testing to drive interface decisions
- Reorganized and restructured website information architecture

Political Science Department Graduate Applicant Review System | launched Fall 2009

- Supervised staff members in the development of a system used by over 400 prospective students
- Streamlined document handling workflow reducing required staff hours by more than 50%
- Oversaw overall system design and implementation, stressed usability and security of data

ACTIVITIES **Information Management Student Association (IMSA)**

- President | Berkeley, CA | Spring 2012 – Present

UC Berkeley User-Centered Design Group

- Member | Berkeley, CA | Spring 2010 – Present

Pilipino Association of Scientists, Architects, & Engineers (PASAE)

- Web Designer | Berkeley, CA | 2005 – 2007