

Steven Baum



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(949) 266 – 7951

Education

University of California, Berkeley

Graduation: December '15

B.A. Computer Science | Cognitive Science Concentration

Coursework: Human-Computer Interaction | Web Technologies

Algorithms | Learning, Behavior & Memory | Computer Networks

Front End Development | Interface Design

Software Design Intern (Innovative Security Designs)

June '14 – August '14

Tools: C++, CSS, Qt Creator, Qt Interface Designer, Wireshark

- Developed a desktop application to visualize & configure a network of security cameras
- Designed a flexible UI highlighting vital / pertinent information about each camera, with customizable displays based on user expertise
- Consolidated cameras of various software and internet protocols into a uniform display

Connected Device / App Developer (CS160: User Interface Design)

January '15 – May '15

Tools: JavaScript, Balsamiq, Kinoma Prototyper

- In a 5-person team, designed an “Internet of Things” responsive dog collar and companion app
- Employed wireframing, personas, contextual inquiry and usability studies to iteratively design and improve the app’s interface based on user feedback and empirical data
- Progressed from low-fidelity prototypes to a functional JavaScript application

Web Developer (UC Berkeley Art History Dept.)

February '15 – August '15

Tools: Drupal, HTML, CSS, JavaScript

- Collaborated as part of a multi-discipline team to create Drupal websites and databases for 16th century Flemish painters Pieter & Jan Brueghel
- Maintained dialogues with art historians, graphic designers, and members of academia to design visually effective interfaces to facilitate navigation of hundreds of various art pieces
- Engaged fellow technical consultants to review & iterate on design decisions

Public Relations Work

UC Berkeley Campus Ambassador

January '13 – May '15

UC Berkeley Office of Public Affairs

- Interfaced directly with officials & members of the public to enhance knowledge of UC Berkeley
- Detailed the intricate narratives of Berkeley’s culture, history, current initiatives, and academics
- Conducted campus tours for prospective students, visiting scholars, VIP visitors, etc.

Additional Skills

Python (very proficient) | JS Frameworks (some React/Angular) | Java (very proficient)

Gulp | Node Package Manager | Git | Wordpress | Photoshop