

HANNA LEE

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EDUCATION

University of California, Berkeley

Expected: May 2017

- » B.A. in Computer Science
- » Relevant coursework: Computer Graphics (IP), Computer Security, Database Systems, Internet Architecture, Efficient Algorithms and Intractable Problems, User Interface Design, Data Structures and Algorithms

SKILLS

- » **Languages:** Python, Java, HTML5, CSS, Javascript, PHP
- » **Technologies:** Git, jQuery, MySQL, Bootstrap
- » **Design Tools:** Adobe InDesign, Illustrator, Photoshop

EXPERIENCE

Software Engineering Intern | Salesforce - Data.com

May 2016 - Aug. 2016

- » Devised and implemented a script to eliminate an extra trip to the database by storing all fields in Apache Solr
- » Created a mechanism to add vendor metadata to Solr's schema on-the-fly with custom indexed/stored values
- » Developed tests to evaluate performance of storing all fields in Solr and using an upgraded version of Solr/SolrJ

UX Engineer | PetPal Inc.

Oct. 2015 - Present

- » Designed a simple and flexible mobile user interface for a complicated application with many features
- » Guided the frontend team by creating mockups, providing a design document, and giving feedback on progress
- » Established the branding of the company with a minimalistic and friendly logo tailored to pet owners

Web & Applications Programmer | Statewide Database

Feb. 2015 - May 2016

- » Modernized the frontend to be user-friendly and redesigned the homepage to be more informative and dynamic
- » Designed a new, more comprehensive navigation system that reorganized the pages for improved usability
- » Developed a categorical database based on parsed file names for more efficient search of voting information

PROJECTS

Tempyr

- » Conceptualized a user-friendly mobile interface for a smart oven by modeling it on an oven's physical functionalities
- » Implemented a scheduling feature that allows users to save multiple steps of different times and temperatures

SolveItUSA Web Forum

- » Employed a forum engine and parsed forum posts based on popularity for a Ruby on Rails web application
- » Integrated a user account system and an administrative layer for moderation of forum posts and comments

XKCD Viewer

- » Built a mobile comic viewer application with basic and random navigation to help users explore more comics
- » Asynchronously pulled XKCD comics and related Flickr photos to the current comic

LEADERSHIP

Theta Tau Professional Engineering Fraternity | Recruitment Chair, Publicity Chair

Oct. 2014 - Present

- » Managed all six recruitment events and employed extra methods of communication to make logistics accessible
- » Created a variety of apparel, posters, and a revamped banner that helped attract a record number of people

INTERESTS & HOBBIES

Designing apparel for events and friends, and learning Krav Maga for self defense