

HANNA LEE

2534 PIEDMONT AVE APT #3, BERKELEY, CA 94704
CELL (858) 354-3189 | HANNALLEE@BERKELEY.EDU
WWW.HANNALEE.ME

EDUCATION

University of California, Berkeley

Expected: May 2017

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

SKILLS

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

EXPERIENCE

Statewide Database – Berkeley Law | Web & Applications Programmer

Feb. 2015 – Present

- » Modernized the frontend to be user-friendly and redesigned the homepage to be more informative and dynamic
- » Devised a new, more comprehensive navigation system that reorganized the pages for improved usability
- » Parsed file names to develop a categorical database search engine to help users locate specific files faster

Redesign work in progress: www.stagingswdb.berkeley.edu Current website: www.statewidedatabase.org

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

Twitter Sentiment Visualizer

- » Filtered tweets by keyword and evaluated positive and negative sentiments by identifying emotion-related words
- » Visually plotted tweet sentiments on a map to analyze trends of regional and national positivity towards topics

LEADERSHIP & ACTIVITIES

Theta Tau Professional Engineering Fraternity | Publicity Chair

Oct. 2014 – Present

- » Created a variety of apparel, posters, and a revamped banner that helped attract a record number of rushees
- » Boosted social media outreach by uploading photos of not only fraternity-wide events, but also smaller hangouts

Innovative Design | Web Tier & Gold Tier

Sept. 2013 – May 2015

- » Designed website mockups, logos, and flyers to enhance student organizations' branding and publicity
- » Finalist for Innovative Design's designathon for rebranding a local restaurant and finding a more intuitive menu

Berkeley Innovation | Member

Sept. 2013 – Dec. 2014

- » Devised a smart bracelet and mobile application combination to alert users when they leave their phones behind
- » Learned, practiced, and discussed methods for effective user testing, wireframing, and iterative design