HANNA LEE

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EDUCATION

University of California, Berkeley   *Expected: May 2017*
- » B.A. in Computer Science | GPA: 3.51
- » Relevant coursework: Efficient Algorithms and Intractable Problems (IP), User Interface Design (IP),
  Web Development DeCal, Discrete Mathematics and Probability Theory , Data Structures and Algorithms

SKILLS

- » **Languages**: Python, Java, Javascript, HTML, CSS, PHP
- » **Proficient with**: Adobe Photoshop, Illustrator, InDesign

EXPERIENCE

Web Programmer | *Berkeley Law – Statewide Database*   *Feb. 2015 – Present*
- » Developed a Python script that parses file names for database search engine indexing of redistricting data
- » Consolidated several years of Google Maps API visualizations into one interface with multiple filters

PROJECTS

Tempyr
- » Designed the user interface of a mobile application for a smart oven by prototyping and conducting interviews
- » 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 user explore more comics
- » Asynchronously pulled XKCD comics and related Flickr photos to the current comic using JSON and Javascript

Twitter Sentiment Visualizer
- » Filtered tweets by keyword and evaluate 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

Events Officer | *Code the Change*   *Jan. 2014 – Dec. 2014*
- » Empowered non-profit organizations by working with them to develop much needed web applications and tools
- » Organized recruiting events and revamped club image with new designs of flyers, banner, and Facebook photos

Web Tier | *Innovative Design*   *Sept. 2013 – Dec. 2014*
- » Designed website mockups, logos, and flyers to enhance student organizations' branding and publicity
- » Finalist for a UC Berkeley designathon for rebranding a local restaurant and finding a more intuitive menu

Member | *Berkeley Innovation*   *Sept. 2013 – Dec. 2014*
- » Designed the user interface of a mobile application that alerts users when they forget and leave their phones
- » Learned, practiced, and discussed effective user testing and interviewing, wireframing, and iterative design

Societies
- » Publicity Chair | Theta Tau Professional Engineering Fraternity   *Oct. 2014 – Present*
- » CS Scholars   *Sept. 2013 – Present*