

Hamza Ahmed

Website: hamzaaa.com / GitHub: [hamzaahmed](https://github.com/hamzaahmed)

CONTACT

hamza.ah@berkeley.edu
916.932.6035

EDUCATION

UC Berkeley / B.A., Computer Science

Expected May 2017

COURSEWORK

CS61B: Data Structures / **CS61C:** Computer Architecture / **CS70:** Discrete Math & Probability
CS170: Algorithms / **CS188:** Artificial Intelligence / **CS162:** Operating Systems / **CS186:** Databases
CS169: Software Engineering / **CS160:** User Interface Design / **CS161:** Computer Security (*in progress*)

EXPERIENCE

Salesforce / Software Engineering Intern

May 2016 – August 2016

salesforce.com/communities

- Intern on the Communities Builder UI team, which develops the Community website builder.
- Refactored the Login template and its Aura components within the Builder.
- Improved the Login branding experience to match the core branding experience.
- Wrote and reviewed code in Java and Backbone.js.

CS198 (Web Design DeCal) / Course Instructor

May 2014 – Present

wdd.io

- Taught front-end web development skills (HTML/CSS/JS) and user interface design principles to 100+ students per semester.
- Graded homework/projects, held office hours, created new learning material.
- Supervised the admission process of 2000+ applicants.
- Maintained the portal's Django back-end that primarily deals with assignment submission and grading.

UCBMUN / Web Developer & Front-end Designer

May 2014 – September 2014

ucbmun.org

- Reconstructed the official UCB Model UN website consisting of over 25+ pages with HTML5, CSS3, and JQuery.
- Developed the front-end and redesigned the UI.
- Remodeled the UX to effectively serve over 600+ delegates and attract sponsorships.

PROJECTS

Cal Dining Web App / caldining-169.herokuapp.com

- Developed a Ruby on Rails app for Cal Dining guests to view menus, upload food images, favorite foods, and be notified when their favorites are available at Cal Dining locations.
- Implemented OAuth sign-in and created an Admin superuser to monitor user uploaded images.

MapReduce on Fifteen Puzzle

- Used the Apache Spark API and the MapReduce programming model to strongly solve Fifteen puzzle.
- Optimized for performance by utilizing lazy evaluation and partitioning data.

Personal Website / hamzaaa.com

- Built a mobile responsive personal portfolio with HTML, CSS, and jQuery.