

Experience

BuildUCLA

WEB DESIGNER & MOBILE DEVELOPER | JAN 2014 – JUN 2015

- As a web designer, created hi-fidelity mockups for the Stashd bookmarklet landing page and the BuildUCLA product site to serve as web portals for students to access BuildUCLA applications.
- Significantly reduced the occurrence of crashes in the UCLA Library android app by pinpointing and correcting errors in app's data parsing, and adding fail-safes for cases of app start up without an internet connection.
- Removed unused variables, changed unintuitive variable names, reorganized code for modularity, and added comments to improve code readability.
- Based on user feedback, pitched changes to app menus to separate application settings options from other menu items for more intuitive navigation. Located source of and corrected error reported in user testing that rendered settings page inoperable.

The Daily Bruin

FRONT-END WEB DEVELOPER | JAN 2013 – DEC 2014

- Collaborated with news editors and junior/senior developers to gather requirements, conduct research, and plan how to develop new flat pages and applications.
- Implemented flat pages and applications using front-end tools (HTML, CSS, JavaScript, JQuery), the Twitter Bootstrap responsive grid, and other external plugins as needed for each project.
- Hosted projects on GitHub to facilitate version control and coordinate code updates with team.
- Responsible for uploading, laying out, and publishing of news content through WordPress dashboard to the Daily Bruin website to ensure images and text appeared correctly.

TANMS Engineering Research Center

TECHNICAL & ADMINISTRATIVE ASSISTANT | DEC 2012 – JUN 2015

- In two weeks, designed and hand-coded brand new TANMS research center website, using HTML, CSS, and JavaScript, to serve as an outlet for the research center's news, resources, and membership plans while incorporating the TANMS branding scheme.
- Performed clerical duties including data entry, word processing, and print media design incorporating the TANMS brand.

American Chemical Society UCLA Chapter

WEBMASTER | SEPT 2012 – MAR 2013

- Updated ACS site design to reduce clutter and remove dependence on external RSS generator which delayed content updates.
- Wrote complete documentation for site, and provided officers with training in web development and FTP client usage so website tasks could be distributed.

Westmoor High School

SENIOR WEB DEVELOPER | Sep 2009 – Jun 2010

- Responsible for complete redesign and maintenance of school website to expand site layout and content. Scripted dynamic features including automatic daily schedule changes.

Projects

STASHD LANDING PAGE Designs of landing page for the Stashd bookmarklet which display an overview of the application's purpose and functionality, and act as entry point into the app.

DAILY BRUIN FEATURES Web application encompassing a tiled list of web projects produced by the Daily Bruin in a cascading grid layout for cross platform viewing, and dynamic filtering.

DAILY BRUIN OPINION BLOG Web page displaying a list of opinion columns and videos covering a specific range of topics each denoted by a different colored heading.

Skills

YEARS EXP: < 1 2 3+

Front-End

HTML	● ● ● ● ●
CSS	● ● ● ● ●
JAVASCRIPT	● ● ○ ○ ○
JQUERY	● ● ○ ○ ○
SASS	● ● ○ ○ ○
RESPONSIVE	● ● ● ● ●

Back-End

PHP	● ● ○ ○ ○
SQL	● ● ○ ○ ○

Design

PHOTOSHOP	● ● ○ ○ ○
ILLUSTRATOR	● ● ○ ○ ○

Software Dev

C++	● ● ● ● ●
GIT	● ● ● ○ ○
LINUX	● ● ● ○ ○

Education

UNIVERSITY OF
CALIFORNIA,
LOS ANGELES

B.S. Computer Science
June 2015

Interests

Mobile Web Development
Usability/User Testing
JavaScript Frameworks
SEO Optimization
CMSs
UI/UX Design

For more information on projects
please visit my website at
dwu891.github.io.