

## Experience

### BuildUCLA

WEB DESIGNER & ANDROID DEVELOPER | JAN 2014 – JUN 2015

- As a web designer, introduced idea for and built central product site to serve as access point for BuildUCLA web and mobile applications; created hi-fidelity mockups for the Stashd web application landing page to brainstorm ideas for improved user experience
- Significantly improved performance of the UCLA Library Android app by debugging errors in data parsing, updating outdated libraries, and setting up conditions for app operation without an internet connection.
- Improved code readability by removing unused variables, updating unintuitive variable names, reorganizing code for modularity, and adding comments.
- Based on user feedback, pitched changes for improved user experience of library android app including reorganizing of navigation menus, dynamic hours of operation, and user customization.
- Handled interviewing and onboarding of new Android mobile development recruits.

### The Daily Bruin

FRONT-END WEB DEVELOPMENT INTERN | JAN 2013 – DEC 2014

- Collaborated with news editors and junior/senior developers to gather requirements, conduct research, and map out project timelines for commissioned projects.
- Implemented flat pages and applications using front-end tools (HTML, CSS, JavaScript, JQuery), the Twitter Bootstrap responsive grid, and other tools as needed to match project designs.
- 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 event registration information.
- Performed clerical duties including data entry, word processing, and print media design to ensure data remained up to date and TANMS brand is expressed across marketing material.

### American Chemical Society UCLA Chapter

WEBMASTER | SEPT 2012 – MAR 2013

- Updated ACS site design to reduce clutter and remove external dependencies to give officers more control over site content.
- 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 STUDENT WEB DEVELOPER | Sep 2009 – Jun 2010

- Improved content accessibility for students and parents by redesigning the school website to expand layout and content, and adding dynamic features like automated schedule changes.

## Recent Projects

**Ascend UC Davis:** Customized a WordPress template into new organization website for the Ascend UC Davis chapter. Project aims were to ensure site content could be easily updated, and that site performed across desktop, tablet, and mobile devices. Scripted custom components for items not included in selected theme. **Link:** <https://www.ascenducd.org>

**Personal Site:** My personal website is an ongoing web development project incorporating the new skills I learn over time. The current iteration is built using the Jekyll templating system, and uses HTML5, CSS3, JavaScript/JQuery, and Sass for responsive development, animations, and modularity in styles, with images/stylesheets/scripts optimized for faster loading across devices.

**Link:** <https://dwu891.github.io>

## Skills

YEARS EXP: < 1 2 3+

### Front-End

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

### Back-End

PHP	●	●	○	○	○
SQL	●	●	○	○	○

### Design

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

### Software

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

## Education

### UNIVERSITY OF CALIFORNIA, LOS ANGELES

B.S. Computer Science  
June 2015

## Other Interests

Content Marketing  
SEO/SEM Optimization  
Content Management Systems  
JS Frameworks  
User & A/B Testing  
Web Security

For more information on projects  
please visit my website at  
[dwu891.github.io](http://dwu891.github.io).