

# EARL ESCUETA

SOFTWARE ENGINEERING | WEB DEVELOPMENT | APPLICATION DEVELOPMENT

CONTACT: 909.896.9840 ▪ eescueta@g.ucla.edu ▪ <https://earlescueta.com>

## PROFESSIONAL PROFILE

- Performance-driven software engineer and user-focused web developer, instrumental in creating best fit, high-quality solutions.
- Deliver value as a recognized problem solver, expert programmer/coder, and motivated learner with success in implementing new features and reducing support issues. Excel in demanding, fast-paced work settings, consistently meeting deliverable requirements.
- Excellent communication and interpersonal skills enhance ability to cross-functionally collaborate with diverse teams and disciplines, establishing productive partnerships. Applied experience with both Agile and Scrum.
- Technical Skill Set: HTML ▪ CSS ▪ JavaScript ▪ jQuery ▪ AngularJS ▪ Web services ▪ C ▪ C++ ▪ C# ▪ ASP.NET ▪ Common Linux utilities (Git, vim, ssh, etc.) ▪ Adobe Photoshop ▪ MySQL, PHP

## CORE COMPETENCIES

|                                  |   |                             |
|----------------------------------|---|-----------------------------|
| Programming   Coding             | Customer-Facing Web Properties                    | Agile   Scrum               |
| Website Content Layout Design/UX | Multidisciplinary   Interdivisional Collaboration | Debugging   Problem Solving |

## PROFESSIONAL HISTORY

**Application Developer** | INTEL CORPORATION, Phoenix, AZ 07/2015 - present

- Successfully implemented various UI changes, bugfixes, and new features to the .NET content creation tool, adhering to DITA XML standard, using C#, JavaScript, AngularJS, and jQuery.
- Facilitated data clean up and website deployment by writing and maintaining automated jobs.
- Addressed 80% of second-level support tickets by implementing a password reset function for an application.
- Allowed users to leave content-related feedback by designing and developing a feedback feature.
- Drove swift resolution of user problems by providing application support.

**Web Developer/Design Intern** | UCLA HEART PROTEOMICS AND SIGNALING LABORATORY, Los Angeles, CA 09/2014 - 06/2015

- Created a survey page to collect user responses to questions and subsequently insert information into a database.
- Enabled the visualization of interactions between various proteins by building an interactive graph based on Cytoscape.js.
- Designed the content layout for the UCLA BD2K Center website at [heartbd2k.org](http://heartbd2k.org).
- Seamlessly migrated features from a .NET backend application to JavaScript.
- Facilitated developers in filling new pages with content by defining Thymeleaf page templates.

**Intern** | SHODOR EDUCATION FOUNDATION INC., Durham, NC (Remote) 09/2013 - 06/2015

- Enabled [hpcuniversity.org](http://hpcuniversity.org) users and administrators to submit educational training materials and career listings for educators by leveraging MySQL/PHP to implement several features.
- Enhanced website effectiveness by designing a media page to capture and display recent site updates; created tools to facilitate site administrators in managing page content.

**Web Development Intern** | UNIFIED GROCERS, Commerce, CA 06/2014 - 08/2014

- Simplified picture uploading and downloading for 95,000+ retail products by developing a C#/ASP.NET MVC web application.
- Improved ease of product image searches by writing stored procedures and altering database tables.

**Student Assistant** | XSEDE, Durham, NC (Remote) 06/2013 - 09/2013

- Created training roadmap of high-performance computing educational materials on [hpcuniversity.org](http://hpcuniversity.org), using HTML/CSS/JavaScript.
- Supported site users in providing roadmap-related feedback by developing a user feedback form with PHP.

## SIDE PROJECTS

- *Mixxx*: implemented a feature for open source Mixxx DJ software, allowing the application to switch interfaces for 2-in-1 laptop/tablets.
- *MoonRunner*: a WebGL-based game where players avoid obstacles for as long as possible to achieve a high score.
- *Piano Battle*: a team-built, multiplayer Android application created with Unity, allowing piano challenges between players.
- *Ascend at UCLA Website*: created, designed, and maintained the club's first website with HTML/CSS/JavaScript/jQuery.

## EDUCATION & PROFESSIONAL DEVELOPMENT

**Bachelor of Science in Computer Science**, University of California, Los Angeles, GPA: 3.2 (2011 - 2015)