

Earl Escueta

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EDUCATION

University of California, Los Angeles
Henry Samueli School of Engineering and Applied Science
Computer Science B.S.

Los Angeles, CA
2011-2015 (Expected)
GPA: 3.295

EXPERIENCE

UCLA Heart Proteomics and Signaling Laboratory
Web Developer/Design Intern

Los Angeles, CA
September 2014 - Present

- Created a survey page that takes user responses to questions and inserts them into a database.
- Built an interactive graph based on Cytoscape.js intended to visualize interactions between various proteins.
- Designed content layout for the UCLA BD2K Center website at heartbd2k.org.

Shodor Education Foundation Inc.
Intern

Durham, NC (Worked Remotely)
September 2013 - Present

- Used MySQL/PHP to implement several features that allow users and administrators of hpcuniversity.org to submit educational training materials and career listings for educators.
- Designed a media page that with that grabs and displays recent changes to the site along with tools that allow site administrators to easily manage the content of the page.

Unified Grocers
Web Development Intern

Commerce, CA
June 2014 - August 2014

- Developed a C#/ASP.NET MVC web application that allows internal users to more easily upload and download pictures for more than 95000 retail products.
- Wrote stored procedures and altered tables in database to allow for easier searching of product images.

Ascend at UCLA
Vice President of Information Technology

Los Angeles, CA
October 2013 - July 2014

- Created and designed the club's first website with HTML/CSS/JavaScript/jQuery and maintained it to ensure that information was up to date.
- Designed and maintained other forms of online media such as e-mail newsletters and Facebook page.
- Aided in organizing and planning club events.

XSEDE
Student Assistant

Durham, NC (Worked Remotely)
June 2013 - September 2013

- Used HTML/CSS/JavaScript to create a training roadmap of high performance computing educational materials on hpcuniversity.org
 - Developed a user feedback form with PHP that allowed users of the site to give feedback regarding the roadmap
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PROJECTS

- **Mixxx:** Implemented a feature for the open source Mixxx DJ software that allows 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:** Multiplayer Android application built with a team using Unity that allows two players to challenge each other at piano playing.
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TECHNICAL SKILLS

- HTML, CSS JavaScript, jQuery
- MySQL, PHP
- C, C++, C#, ASP.NET
- Common Linux utilities (Git, vim, ssh, etc.)
- Adobe Photoshop