

# Ryan Miyamoto

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## Education

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**University of California, San Diego**

**Bachelor of Science:** Computer Science

**Graduation Date:** December 2016

## Profile

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- **Tools:** SharePoint, Joomla, DotNetNuke, Git, Illustrator, Google Analytics, Hotcakes Commerce, Axure RP, PHP MyAdmin
- **Languages:** HTML, CSS, JavaScript, C++, Java, Python,
- **Frameworks/Libraries:** Bootstrap, JQuery, React
- **Operating Systems:** Windows, Unix

## Work Experience

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**Spondylitis Association of America (SAA)**

*July 2017 – Present*

*Web Engineer*

- Management and development done in an agile environment using DNN Evoq Engage with Hotcakes integration.
- Implemented scalable, site-wide JavaScript to automate tasks and increase time and workload efficiency by 200%.
- Streamlined communication between the DNN CMS and Sage CRM platforms to sync user databases.
- Modified ASP.NET Web User Control files (.ascx) to make data-driven customizations to DNN templates.
- Performed a comprehensive SEO audit to identify underperforming front end components, optimize the website's meta data, and increase traffic via organic search. Increased traffic by 30% in less than 3 months.
- Prototyped various interactive UI models and applied A/B testing to improve customer interaction and experience.
- Implemented a gamification platform that increased community engagement by 20%, conversions by 35% and decreased overall bounce rate by 25%.
- Decreased annual department expenses by 20% by undertaking additional responsibilities that were previously outsourced.

**UCSD Department of Psychiatry**

*February 2015 – November 2016*

*Web Developer and Content Manager*

- Converted all existing UCSD Psychiatry child sites from Joomla 1.x to 3.x and deployed them on an IIS 8.5 server.
- Prototyped and built new responsive websites that adhered to programmatic standards and specifications.
- Developed the front-end of a modular data table used to maintain hundreds of rows of staff data using MySQL and phpMyAdmin.
- Utilized SharePoint to manage data, modify templates, and address any technical errors within the Psychiatry web system.
- Ensured proper HTTPS encryption with appropriate cross-platform SSL certification and cyber security best practices.
- Supervised and trained employees on SharePoint operations and methodologies to increase overall web-related productivity and efficiency.

**Simple Health**

*May 2017*

*Landing Page Developer and Designer*

- Created a landing page to assist people in finding insurance plans that best fit their needs.
- Applied appropriate navigational design decisions to guide people to the primary call to action and maximize engagement.
- Utilized MockPlus to create a pre-development high-fidelity mockup, Sublime Text for coding and Git for version control.
- Fully responsive web page that includes a PHP-based contact form, integrated Google Map, animated slider, and content rotator.

## Projects

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**Student Housing Search Engine**

*August 2016 – December 2016*

*Web Application*

- Responsible for the creation and oversight of mockups, wireframes and low-fidelity prototypes using Axure RP and Balsamiq.
- Conducted multiple rounds of needfinding and storyboarding to acquire research data used in identifying user needs.
- Created high-fidelity, interactive prototypes using HTML, CSS, and JavaScript with Google Maps API integration.
- Employed refactoring to restructure code, improve readability, reduce complexity and create a cleaner internal architecture.
- Utilized user feedback and usability testing to make aesthetic, navigational and functional changes based on conversion rates.

**Personal Website**

*August 2016 – Present*

*<http://acsweb.ucsd.edu/~rmiyamot/>*

- Composed of a Bootstrap foundation with JQuery for animations and CSS for design.
- Worked on vendor prefix properties for cross-browser CSS compatibility as well as the use of preprocessors for consistency.
- Studied the use of UX and UI for optimized user experience as well as A/B testing for data-based design decisions.
- Collected data during previous job searches using Google Analytics to map user flow and eliminate unnecessary content.