Joshua Sosa

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Summary

Over a decade of experience creating custom web solutions, using open-source software, maintaining websites and volunteering time to help others with web development needs. Ability to understand clients' needs and translate ideas forward to development. Strong architectural design skills, able to relate effectively to a wide audience, and can convey technical information in an accessible manner.

Computer Skills

Programming Languages

PHP, MySQL, HTML5, XHTML, CSS3, JavaScript, jQuery, AJAX, JSON, Java, C, C++

Web Software

Drupal, Drush, Wordpress, phpBB, Confluence, Joomla, Gallery, PHPList, WAMP, Apache

Software

Adobe Dreamweaver, Photoshop, InDesign, and Acrobat Pro, PHPStorm, Eclipse, PuTTY, SSH, Navicat, FileMaker Pro, Panopto, Skype, Microsoft Office Word, Excel, and PowerPoint

Hardware

Epiphan, Blu Snowball, LifeSize, Logitech Videoconferencing

Operating Systems

Windows, macOS

Experience

University of Arizona, Lunar and Planetary Lab

2014-Present

Audio Visual Support

As AV Support, I work with the AV Lead to provide audiovisual services for department classrooms and conference rooms. Duties include advising and troubleshooting classroom recording, coordinating technology for conference room videoconferencing, creating documentation, and assisting in AV training.

University of Arizona, Lunar and Planetary Lab

2013-Present

Web Site Designer/Developer, Sr

As Web Site Designer/Developer, Sr, I lead development of the Drupal-based departmental website, Drupal multisites for a variety of groups within LPL, and facilitate planning and implementation of custom website requirements. For the department site, I prototype design layouts for new initiatives, create webforms, establish entity relationships between content types, set up profile and role-based access control lists, and program solutions based on the Drupal API. For group sites, I maintain a common installation profile, default feature set, generalized programming, facilitate migration from older sites, and provide training for content creators. I maintain Drupal infrastructure, review pages for accessibility standards, conduct small-scale usability testing, create graphics, integrate multimedia elements, and examine user experience design.

NASA, Arizona Space Grant Consortium

2010-Present

Webmaster

As Webmaster, I develop and maintain a Drupal-based statewide website for Arizona Space Grant, including slideshows, webforms, student directories, science speaker databases, opportunity lists, photo gallery, and more. I created a modern design based on proven trends and usability testing, and enhanced the site experience for mobile devices. I created a custom PHP/MySQL framework to support the Consortium's annual Symposium, which features abstract and RSVP form collection, administrative and manger provisioning, report layouts, and data export options. Formerly as Assistant, I performed regular office functions, including data entry for NASA reporting, application processing for FileMaker Pro databases, copied and distributed application books, coordinated Statewide Symposium presentations, organized intern files and orientation packets, and supported other daily requests.

University of Arizona, Student Affairs

2009-2011

Student Web Developer

As a Student Web Developer, I maintained PHP/MySQL web pages for the Arizona Student Union websites and affiliated groups. I developed custom JavaScript functionality for forms, a calendar scheduling system for Union restaurants' daily menus, updated Union displays, and deployed new web solutions for various working groups within the Student Union and Student Affairs.

University of Arizona, Office of Enrollment Management

2007-2011

Student Web Assistant

As a Student Web Assistant for Enrollment Management (Student Affairs), I maintained websites for UA Admissions, Financial Aid, Catalog, Enrollment Management, GearUP, and a variety of other university groups. I performed regular site content update requests, coded web designs, managed SQL databases, researched solutions to Drupal issues, and provided support for other web-related services.

Volunteer Projects

SEDS.org, Students for the Exploration and Development of Space

2008-2015

Webmaster

As webmaster, I provided technical support for all site services including forums, wiki, gallery, email, chapters, ticketing, subdomain sites and the main organization website. I developed a custom PHP/MySQL web framework and coordinated with LPL sys to manage a co-located server. Later, I migrated all hosted services to DreamHost, converted the site to Wordpress, established multisites for chapters, and integrated other services to fulfill program requirements of SEDS-USA and SEDSEarth.

Feila.org, Role Playing Community

2003-Present

Web Administrator

I created a forum-based RPG community and developed custom multisite software to collect applications and quickly deploy instances of phpBB forums. To support that environment, I developed an advanced store mod with a co-maintainer for the general phpBB community. Based on that experience, I now develop, host and maintain the community software for Feila, which supports over 2000 members.

Education

Arizona State University, Online

2015-2017

Graduated Summa Cum Lade with a B.A.S. in Internet and Web Development

Pima Community College, Tucson, AZ

2009-2014

Graduated with Honors with an A.A.S. in Computer Programming/Analysis