##### CHARLES BROWN-ROBERTS

Sacramento, CA 95825 **•** (530) 324-2865

<http://charlesbrownroberts.com> • [charlesbrownroberts@gmail.com](mailto:charlesbrownroberts@gmail.com)

<http://www.linkedin.com/pub/charles-brown-roberts/32/547/303/>

<https://github.com/californiavol>

A top-performing Web Development professional with over 10 years of experience in a variety of technologically-based areas of expertise. Well-versed in structuring, developing and implementing interactive web applications. Results-driven with skill in back-end programming, front-end UI, relational databases and development/maintenance of complex and critical enterprise-level systems. Adept at excelling in both autonomous and team based settings. Demonstrated ability to thrive in high-pressure and time-sensitive environments that demand strict adherence to deadlines and attention to detail. Seeking a Web Developer position in the field of higher education with a dynamic and innovative institution.

Web Development/Applications/Design • Linux • Apache • MySQL • PHP5

Zend Framework • Cascade Server • OOP • Twitter Bootstrap • Responsive Design • HTML5 • CSS3 • JQuery • Streaming Video • Adobe Media Server • OSMF Player • Javascript • Mobile Apps • Cordova/PhoneGap • XML/XSLT • JSON • AJAX • MVC Design

UNIX Command Line • Enterprise-Level CMS • W3C Standards • Section 508 Accessibility

Time Management • Organization • Goal Setting & Achievement • Decision Making Skills

Critical Thinking • Problem Solving • Documentation & Reporting • Strategic Planning & Analysis

**PROFESSIONAL EXPERIENCE**

**CALIFORNIA STATE UNIVERSITY,** Sacramento, CA **2003 – Present**

**Web Accessibility Specialist • 2010 – Present**

Provide Information Resources & Technology division with leadership and professional technical expertise to ensure that University web content is equally accessible to all students, faculty, staff and community members with disabilities. Focus primarily on the research, development, evaluation and implementation of accessible web design and web-based technologies.

**Achievements:**

* Web Development
  + Developed a streaming video web application that streams University course videos to multiple platforms <http://www2.csus.edu/video/index/index/cid/31821/vid/734>
  + Built campus home page ([www.csus.edu](http://www.csus.edu/)) and top-level pages using HTML 5 standards
  + Integrated the CMS to populate news and featured events on the campus home page
  + Developed web application that receives alerts from security cameras and triggers an AV notification to police
* University Content Management System Lead
  + Responsible for monitoring, maintaining and developing enterprise CMS (Cascade Server) for 500+ users
  + Installed upgrades and applied system patches on a regular basis
  + Facilitated the process for creating new site decreasing effort by 80%
  + Coded Sac State University website using HTML5, CSS3, and JQuery
  + Developed XML/XSLT based templates for campus use
  + Ensured University web applications met Section 508 accessibility standards <http://www.hannonhill.com/products/>
* Web Accessibility Specialist
  + Hi-Software Compliance Sheriff Lead
  + Conducted over 100 Accessibility Audits
  + Create yearly report for Chancellor’s Office

**Information Technology Consultant • 2007 – 2010**

**Administrative Support Coordinator • 2003 – 2007**

Developed the LOCUS library resource management system; designed to enable the seamless integration of electronic resources including full-text database articles from proprietary vendors, into online course environments. LOCUS went live in spring semester 2004 with eight courses in six campus departments; it was used by over 6000 students in 169 courses within 22 departments and used by over 6000 students by Fall 2008.

**Achievements:**

* Served as Lead Programmer; built on Zend Framework and utilized MySQL Database
* Created modular widgets, custom interfaces, and content creation tools using Ajax and PHP

**EDUCATION, INVOLVEMENT & AWARDS**

**Master of Arts,** History**,** California StateUniversity

**Bachelor of Arts,** History, University of Tennessee (3.5 GPA, Cum Laude)

**Recipient,** CATS Outstanding Technology Professional Award (2009)

**Recipient,** Nash History Journal Award (2nd Place), California StateUniversity (2008)

**Executive Editor,** Clio Journal, California StateUniversity (2008)

**President,** Phi Alpha Theta History Honors Society, California StateUniversity (2007-2008)

**PRESENTATIONS**

**CATS REGIONAL CONFERENCE 2012**

**Kurogo Mobile Presentation**

Piloted a Kurogo Mobile web application project for the University. The product was vetted and approved for campus wide distribution.

**Notes:**

* Approved for August 2014 campus launch
* Kurogo Mobile Framework, LAMP stack
* Consumes data from third-party systems, typically in XML format
* Parses it into HTML5