Brian Leighty | bfleighty@gmail.com | 770-833-9611

Summary

- Broad range of expertise including web programming, app development, server administration, video shooting / editing, photography, graphic design, computer repair and problem solving
- Familiar with variety of coding languages: PHP, Swift, Java, BrightScript, CoffeeScript, NodeJS, Objective-C, Python, C and C++
- Track record of innovative ideas to save money or improve processes

Experience

Senior Software Engineer, **Turner Broadcast Systems**   *2016-Present*
- Working on making CNNgo tvOS app ATS compliant
- Helping develop new CNNgo Roku app using Scene Graph 2.0 SDK

Application Developer, **Encompass Digital Media**   *2013-2016*
- Built Roku, Fire TV, iOS and tvOS applications that pull from DVIDS API
- Expanded DVIDS API to provide all the functionality needed for OTT and mobile platforms
- Researched and built both hardware and software for FFmpeg based video encode cluster
- Designed encode cluster to be very versatile; handling a wide range of formats and tasks including live video streaming (HLS) and accessible through an API
- Found ways to speed up image resizing; wrote code to create unique image hash for deduplication and similar image discovery using Hamming distance
- Solved tickets dealing with bugs or requested features; committing to mercurial repositories

Software Engineer, **eMeals, Inc.**   *2015-2016*
- Used AWS to setup Amazon SWA integration including creation of Lambda, SNS, SQS, CloudWatch Alarms and Custom Resources using CloudFormation script
- Contributed improvements to both user frontend and customer experience backend committing to git repositories

Audio Visual Manager, **Creation Ministries International**   *2010-2013*
- Sought out ways to improve and automate task using combination of APIs, PHP coding, crons and jQuery/Javascript in both standalone and Joomla intregrated environments
- Created and optimized MySQL databases and tables for increased speed and reliability
- Replaced osTicket with Kayako Resolve ticketing system and modified for CMI's needs
- Wrote front and backend of digital product distribution and tracking system to integrate with each existing store to provide functionality not attainable in existing store product
- Coordinated with Australian IT department on planning and executing code creation and improvements – splitting larger projects into each person's area of expertise

Freelance Programmer, **Projections, Inc.**   *2010-Present*
- Coded and designed mobile app running jQuery Mobile with a PHP backend interfacing with Google Alerts and Projections' desktop web portal
- Wrote code to provide authentication and tracking capabilities – in some cases interfacing with client's SOAP, REST or hash based single sign-on systems

Multimedia Specialist, **Projections, Inc.**   2008-2010
- Server Administrator for multiple dedicated web servers
- Planned and oversaw the conversion to HD studio and facility
- Worked directly with clients acting as both videographer and producer
- Responsible for all PHP programming needs

Major Accomplishments

2008 Southeastern Regional Emmy Award Winner
2007 Silver Telly Award Winner
1st place at National level of Skills-USA TV Video Production Competition

Education

Entertainment Technology Associates Degree, Chattahoochee Technical College