

Summary

Passionate technologist with 6 years experience in attractions operations and 2 years professional software development experience seeking position as a software developer. Possesses strong analytical and communication skills, attention to detail, and a familiarity with a variety of technologies. Looking to apply a combination of technical and interpersonal skills to provide simple to use solutions for business problems.

Skills

- Python
- Django
- Javascript
- HTML5/CSS3
- Git
- MySql
- Arduino/C
- Linux

Recent Projects

Live To Server: Blog and portfolio site built with Django and hosted on a Debian Linux Virtual Machine.

Simple Spell Checker: An ncurses based real time spell checker written in Python. Utilizes the Wagner Fischer Algorithm for comparisons, BK Trees for search pruning, and threading to improve responsiveness.

Chip 8 Arcade: Combines a custom Javascript implementation of the Chip 8 byte code interpreter combined with a Django based content management system. Allows developers to deploy Chip 8 games to be played in the web browser and manage games and interpreter configuration.

Other Related Experience

ATTRACTIONS ATTENDANT | March 2015 - Current

Universal Studios Florida - Orlando, FL

- Enhanced usability of Google based Team Member support tool tby creating custom Javascript based software
- Communicate technical and operational issues with leadership and colleagues.
- Respond to guest issues with empathy and understanding while enforcing the safety policies of the attraction.
- Protect guest safety through the quick analysis and response to situations in accordance with standard operating procedures.

ATTRACTIONS TRAINER | August 2017 - April 2019

Universal Studios Florida - Orlando, FL

- Instructed trainees in the safe and efficient operation of the attraction.
- Apdated training to accommodate each trainee's personality and learning style
- Provided coaching and feedback for both new and veteran team members
- Suggests and implemented revisions to the Standard Operating Procedures to improve clarity and to bring in documentation in line with actual practices

WEB APPLICATION DEVELOPER | 07/2008 - 10/2010

Heritage Web Design - Provo, Utah

- Crafted multimedia and video delivery experiences utilizing Flash and Actionscript 3.0
- Developed custom content management solutions utilizing a combination of Javascript, PHP, and MySql databases
- Integrated third party APIs including Google Maps and payment solutions such as Authorize.net and Paypal.
- Coordinated with graphic designers, clients, and management to ensure the successful implementation of client goals within the agreed upon specification.

Education and Training

Rutgers University - Bachelor of Arts History, October 2005