WILLIAM ROBERT FUNK

PORTFOLIO: www.williamrobertfunk.com • GITHUB: WilliamRADFunk • EMAIL: contact@williamradfunk.com • PHONE: 407-766-1576

Objective

To offer my services to growing, creative, and respected companies known for pushing the boundaries of Software Development.

Experience

Center for Distributed Learning, Orlando, FL May 2015 - Present
Application Developer

- Developed educational applications, both front and back end, in HTML5, CSS, SASS, JavaScript, PHP, SQL, Unit Tests.
- Experienced in troubleshooting problems with databases, MVC frameworks (FuelPHP), and browser compatibility issues.
- Proficient with development tools and front-end frameworks, to include: Gulp, Grunt, MySQL, SequalPro, AngluarJS, ReactJS.
- Skilled in creating original software, and in safely adding adjustments to existing code.

N-Somnium, Montreal, QC July 2010 - January 2015
Front-End Developer

- Created HTML/CSS templates and emails for various clients.
- Image slicing in Photoshop for later implementation into HTML/CSS emails and micro sites.
- Tested those projects on a variety of browsers and screen sizes (Mobile, Tablet, Desktop).

University Central Florida Police Department, Orlando, FL August 2006 - November 2009
Police Officer

- Performed under high-stress conditions, while maintaining a calm and professional demeanor.
- Accustomed to deescalating volatile situations, and verbally disarming dangerous people.
- Coordinate large groups of people toward singular/multiple goals.
- Trusted with sensitive information from social security numbers, health information, and criminal records.

Projects

Slot Machine Games: 16 games commissioned by store owners. C#, state machines, co-routines, .NET server-side, Unity.
V.E.D.I.C: Virtual Environment for the Development of Interactive Code. Oculus, Leap Motion, C#, PHP, MySQL, Unity.
Planetary Defense: Base defense game built in HTML, CSS, and JavaScript with a PHP back-end and an SQL database.
The Encryptor: Encode/Decode application in PHP and performs eight different encryption algorithms on plain text.
Content Alert: Front-end for an email filtering application capable of scanning texts and images for unwanted content.
Two-Tiered Client-Server Application: Java GUI connected to a client-side MySQL server with CRUD capability.
Hack Bauer: Codebreaker: Mazerunner game built in HTML, CSS, and JavaScript with story, levels, and encryption.

Check out other projects at: http://www.williamrobertfunk.com

Skills

- Mark-up: HTML5, CSS, SASS
- Front-End: JavaScript, JQuery
- Back-End: PHP, SQL, .NET
- Testing: Mocha-Chai, Karma-Jasmine

- Pre-processing: Grunt & Gulp
- Static languages: Java, C, C#, C++
- Frameworks: AngularJS, ReactJS, FuelPHP
- Platforms: Unity2D, Unity3D

Education

University of Central Florida, Orlando, Florida
Bachelor of Science in Computer Science (December 2016)

University of Central Florida, Orlando, Florida
Bachelor of Science in Civil Engineering

Seminole Community College, Sanford, Florida
Law Enforcement Academy