MARK SMULLEN

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Seeking a full-time position in software engineering.

EDUCATION

LeTourneau University, Longview, TX   Dec 2017
Bachelor of Science - Computer Science, Game Development Concentration, GPA 3.2

SKILLS AND QUALIFICATIONS

- Fluent with Windows, Mac OS X, and Linux (Red-Hat/CentOS, Debian)
- Proficient with C, C++, Java, Python, JavaScript / NodeJS, PHP, SQL, Bash, Git, Subversion, and Web Development
- Proficient with database and system administration
- Intermediate with Docker, Perl, C#, and Active Directory
- Basic experience with Kubernetes, Ruby, Lua, Microsoft Access, LaTeX, and batch
- Proficient in system troubleshooting and customer service

EXPERIENCE

Programmer/Analyst, LeTourneau University   May 2017 - Present
- Design, develop, maintain, and review widely-used web applications in a Scrum environment using various technologies including SQL, PHP, Perl, JavaScript, Docker, Active Directory, and Bash scripting

System Administrator, Team Lead, MuttsWorld   May 2012 - Jun 2013
- Ensured positive service by enforcing quality standards   Feb 2016 - Jun 2016
- Provided quality service through online entertainment organization to a worldwide audience
- Maintained staff by recruiting and training volunteer workers
- Managed CentOS Linux system through routine maintenance and updates
- Increased efficiency by over 400% through automation and developing in-house tools

PROJECTS

Nimbus, Senior Game Project
- Developed and reviewed underlying systems for team in agile environment using C++ and OGRE3D (https://github.com/dreac0nic/nimbus)

H2BaC, LightSys Technologies Services
- Developed an ebook-style MVC Android application to deliver content using Cordova, JavaScript, and JQuery (https://github.com/Bacon41/How-to-Become-a-Christian) (https://play.google.com/store/apps/details?id=org.globalchristians.H2BaC)

Communications Security Research, LightSys Technologies Services
- Researched security weaknesses that identify usergroups connecting to encrypted VPNs

ICCM TFM Contest Voting Application, LightSys Technologies Services
- Programmed user interface and supporting back-end for web polling application in agile environment using HTML5, CSS3, PHP, MySQL, JavaScript, and JQuery (https://github.com/tyounglightsys/TFMVoting)

University Locksmith Database, LeTourneau University
- Designed and implemented database management system solution in Microsoft Access for campus locksmith.

Grave Danger, Ludum Dare Jam 29
- Designed and developed Phaser.io JavaScript application with team during seventy-two hour game development competition. (https://github.com/Texnical/gravedanger)

EXTRACURRICULARS

- Consultant for Thrive 360, teaching underprivileged children computer science via game development
- Assistant for Boys and Girls Club of America in Longview, TX, maintaining computer lab for the children's use
- Ranked 58th in the US in IEEExtreme 11