

John Regan

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OBJECTIVE	To be employed in an agency that does meaningful work that benefits society.	
EDUCATION	<i>Bachelor of Science Computer Science</i> University of North Florida, Jacksonville, FL, December 2009.	
TECHNICAL	<i>Skills</i> Scripting, Web Development, Systems Development, Networking, Database Development, Documentation, Security, Technical Support, Project Management, Multimedia Technologies, Written Communication, Data Analysis and Presentation. <i>Languages</i> Bash, C, CSS, HTML, Java, JavaScript, \LaTeX , Lua, Perl, PHP, SQL, XML <i>Platforms</i> Apache, ColdFusion, IBM WebSphere, Nginx, Docker, Red Hat Enterprise Linux, Debian Linux, Ubuntu Linux, Alpine Linux, Mac OS X	
EXPERIENCE	<i>System Administrator</i> Oklahoma Mesonet, Norman, OK	May 2013 - Present
	<ul style="list-style-type: none">• Developed and deployed real-time notifications for weather data, used by emergency managers across Oklahoma.• Implemented modern web development practices, such as a standardized git-based workflow, automatic code testing, continuous integration, and multiple environments (development, test, staging, production)• Worked across multiple teams to identify and develop solutions in the fields of weather-related emergency management, research, and outreach.• Worked with development and systems teams to modernize aging infrastructure.• Developed techniques and procedures to automate deployment of new weather stations and redeployment of existing stations.• Developed new and maintained existing web projects, using Apache, PHP, Perl/CGI, NodeJS, Nginx, and Docker.• Provide infrastructure services and desktop support to employees of the Oklahoma Mesonet and Oklahoma Climatological Survey, as well as external clients.	
	<i>Operations Developer</i> <i>Computer Operator</i> PGA TOUR, Ponte Vedra Beach, FL	April 2012 - May 2013 July 2010 - April 2012
	<ul style="list-style-type: none">• Developed tools to ensure timely delivery and integrity of live golf scores to clients such as NBC and ESPN.• Automated the creation of the print edition of the yearly PGA TOUR Media Guide, with editorial as well as data-driven content, such as tournament synopses and player biographies.• Developed an automated Network Monitoring Report, used to track systems and network performance and forecast network growth.• Developed web applications to partially or fully automate Data Center Operations processes.• Developed tools to import data from other scoring providers into the PGA TOUR's ShotLink scoring system.	

- Oversaw the monitoring of the PGA TOUR's network and server infrastructure. Ensure systems are being actively and correctly monitored; oversee reporting and alerting on the health of network, servers, and applications.
- Participated in on-call rotation to monitor servers and applications during PGA TOUR off-hours.
- Participated in the development and enforcement of the PGA TOUR's security policies, with a focus on web application security.
- Managed projects from start to completion, including gathering user requirements, obtaining development estimates, planning, and implementation.
- Performed installs and upgrades of in-house ColdFusion and IBM Domino applications; performed quality assurance testing to the PGA TOUR development team's installation plans before promoting to production systems.
- Acted as development resource on ColdFusion projects. Developed new applications and enhance/bug fix existing applications, with a particular emphasis on adding support for mobile platforms (iOS/Android).
- Provided second-level support for the PGA TOUR's ShotLink scoring system. Troubleshoot errors in ShotLink applications.

Jr. Network Administrator

March 2008 - July 2010

Technisource, Jacksonville, FL

- Deployed at PGA TOUR to monitor Live Scoring systems.
- Developed a company-wide video broadcast of golf content, including live tournament footage.

REFERENCES

Chris Fiebrich

Executive Director, Oklahoma Mesonet

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Senior System Administrator, Oklahoma Mesonet

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