Sean P. DuBois

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EXPERIENCE

Software Developer   2013 - *

onShore Development - Creator of Webcheckout, an scheduling and asset management application
- Maintained and wrote new features on established ten year old software
- Converted Web App to be API driven, using Common Lisp and PostgreSQL on the backend
- Ported to frontend to Angular, replacing projects in Dojo and jQuery
- Replaced legacy markup/styling with Bootstrap

Software Developer   2012 - *

System Associates - Developer of full stack software and hardware for major hotels
- Used Asterisk with custom Dialplan and Applications written in C to create a hosted PBX
- Created a deployment system using git so updates and new installs can be done seamlessly
- Developed a web interface with Foundation Zurb to manage PBX
- Wrote multiple SPAs that shipped as Phone Apps using PhoneGap and jQuery Mobile

Programmer   2012

Hacker School - Three month immersive programming collective
- Attended lectures given by leaders in Computer Science and Programming
- Collaborated with others on major Open Source projects like FireFox

Software Developer   2011 - 2012

Virtual Technologies Group - VoIP and IT services provider
- Wrote custom dialplan for school systems
- Created a web portal that simplified a multi-day process to 5 minutes

SKILLS

Programming and Markup Languages

Built Software With
- Lisp (Scheme and Common Lisp)
- PHP
- ECMAScript (Javascript)
- HTML/CSS
- C
- SQL
- Go
- LaTeX

Solved Problems With
- Shell Scripts
- C++
- Java
- MATLAB
- x86 Assembly (Gas)
- Perl
- Python

Software Used
- Unix (Primarily FreeBSD and Debian)
- MySQL/PostgreSQL/SQLite
- Asterisk
- jQuery/Dojo/Angular
- PhoneGap
- git/Subversion
- Emacs/Vim
- Bootstrap/Foundation

PROJECTS

Flyspray - *A simple, but powerful PHP bugtracker.*
Minor contributions, listed as contributer

AngularJS - *Superheroic JavaScript MVW Framework.*
Added parameter serialization to ngResource, also submitted some PRs to angular-ui

dwb - *A minimal web browser written in C, with vim keybindings.*
Fixed multiple bugs, listed as contributer

INTERESTS

Vinyl, Horror Films, Big Cities and Open Source