Sean Chen

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Experience

Kaiser Permanente, Technical Associate; Pleasanton, CA (July 2015 – Present)
Rotation 4: Cloud Services Group – DevOps (January 2017 – Present)
- Created Chef cookbook to install tools and dependencies needed to run Jenkins jobs on service agents.
- Installed JFrog Mission Control on Gen2 RHEL VM to manage and report metrics for multiple Artifactory instances.
- Confirmed backup plan for Artifactory on Test VM to ensure successful recovery if application failure happens.

Rotation 3: Technology Risk Office – Red Team Services (July 2016 – January 2017)
- Performed penetration tests on applications and PCI systems to discover and document weaknesses.
- Created a SSH brute force attack script to exploit servers using weak passwords with admin access.
- Developed metrics dashboard to report status on security intakes and findings for each department.
- Wrote Selenium scripts to test if both Cyber Security Engagement Questionnaire (CSEQ) and Inherent Risk Assessment (IRA) summary results match based on the intake number given.

Rotation 2: Shared Analytics - Advanced Technologies (January 2016 – July 2016)
- Improved automation scripts with multi-threading to confirm current Tableau users on KP Vine Directory.
- Parsed SAS metadata logs for CPU/Memory usage, time ran, and product used during specific timeframes.
- Maintained SharePoint site by updating weekly webinar links and prepared user manuals for Tableau.

Rotation 1: Application Lifecycle Management (July 2015 – January 2016)
- Provided technical end user support for IBM Rational Tools Suite by resolving any issues clients have.
- Complied a methodology and status list report for all projects stored on IBM Rational Team Concert (RTC).
- Experimented with Jenkins and UrbanCode for continuous integration and deploying applications stored in RTC.

Spectoccular Labs, Web Developer; Pomona, CA (September 2013 – July 2015)
- Created Administrator page to manage user accounts, groups, categories and track site usage.
- Built a Django web app which shows a list of mobile apps developed with Spectoccular SDK.
- Refurbished company website and chaum.com by adding new UI features to improve UX.

Kaiser Permanente, Mobile Development Intern; Pasadena, CA (June 2013 – August 2013)
- Developed client side features for the Community Benefit Mobile Application to allow internal employees to keep track of hours and view progress for all activities participated.
- Presented group research project to CIO Phil Fasano on Social Media and its Impact on Healthcare.

Previous Experiences
- Created websites for clients using WordPress and CodeIgniter at **Mice and Pen** from Sep 2012-Jun 2013.
- **QA Intern** in Summer 2012 at **Ontraport** testing Office Autopilot features using Selenium with PHPUnit.

Education

California State Polytechnic University, Pomona, M.S. Computer Science, 2016
- Master's Project: Enhancing the Kinesthetic Learning Activities in CS Education Using Mobile Devices (Developed in Angular with Firebase, paper published to ITiCSE 2016)

University of California, Santa Barbara, B.S. Computer Science, 2012
- Senior Project: Integrating Open Source Graphics Engines with VuforiaSDK on Android Applications

Technical Skills

Developer: Python, Bash, Ruby, Chef, Java, JavaScript, jQuery, React/Redux, Angular, HTML/CSS, Bootstrap, SQL, Firebase, PHP, CodeIgniter, WordPress, Django, Selenium, git, Jenkins
Security Tools: Burp Suite, nmap, Nessus, Metasploit, hydra, sqlmap, Wireshark, Kali Linux