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)**
  - Wrote bash scripts to install tools and dependencies needed to run Jenkins Pipeline on service agents.
  - Installed JFrog Mission Control on Gen 2 VM to manage and report metrics on multiple Artifactory instances.
  - Provisioned VMs on desktop to simulate Application Recovery steps in the event of Application failure.
- **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 based on 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.
  - Experimented with Jenkins and UrbanCode for continuous integration and deploying applications.
  - Complied a methodology and status list report for all projects stored on IBM Rational Team Concert (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 which allows internal employees to keep track of hours and progress for activities participated.
- Gained public speaking and presentation skills to executives by presenting with a group of interns on Social Media and its Impact on Healthcare as a group research project to CIO Phil Fasano.

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: Java, Python, PHP, JavaScript, jQuery, Angular, React, Redux, HTML, CSS, Bootstrap, SQL, Firebase, Selenium, Bash, git, WordPress, CodeIgniter, Django

Pentesting: Burp Suite, nmap, Nessus, Metasploit, hydra, sqlmap, Wireshark, Kali Linux