Nathan Kong

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Education

Master of Science: Computer Science
San Jose State University 2017

Bachelor of Science: Mechanical Engineering, Minor Business
San Jose State University 2007

Experience

Findlaw, a Thomson Reuters business – Sunnyvale, CA
Software Developer Intern, Aug. 2015 - Aug. 2016

Coordinate multiple projects for the transfer of content from legacy software to the Adobe CQ5 CMS as well as the redesign of the state laws webpage.

Duties and Responsibilities:
- Create, schedule, and assign tasks through Jira
- Conduct daily standups, facilitate communications, ensure coordination, and cooperation among team members
- Assist Project Managers in their day-to-day duties
- Collaborate with Engineering, Marketing, and Legal teams to ensure that the project is on track by removing impediments, providing resources and data
- Migrate content from legacy software to CMS (CQ5.6.1)
- Redirect legacy domains in Apache
- Research on image compression using PageSpeed Insights in order to improve search engine optimization

San Jose State University – San Jose, CA
Computer Science Teacher's Assistant, Jan. 2017 - May. 2017

Develop, instruct, and grade laboratory assignments for the graduate class: Topics in Wireless Mobile Networking at San Jose State University (CS 268)

Software associated with projects: Slack, Nutanix Cloud, Docker, NS3, OpenDayLight, Mininet, VirtualBox

Chicago Bridge and Iron – Concord, CA
Project Engineer, May 2006 – Aug. 2015

On-site management for groundwater remediation projects at Federal Government sites.

Duties and Responsibilities:
- Guide the team on resource requirements, tasks, deliverables, risks, and other issues through the life of the project
- Work with Health and Safety to assess the risks on each project sites
- Write work plans for each project to establish customer expectations of the project scope, deliverables, procedures
- Assign tasks and coordinate project work
- Plan and facilitate project review meetings to expedite requirements and resolution of project issues
- Keep key stakeholders and decision makers engaged by ensuring that project communications run smoothly

Technical Projects

- Failover Mechanism in Distributed SDN Controllers (Java) - A failure detection and recovery strategy for Software Defined Networking controllers in a distributed architecture for LTE telecommunications.
- Snowboard Signup (HTML, CSS, JS, JQuery, Apache, Docker, MySQL, PHP, AJAX) - A group signup sheet for various passes to Vail resorts.
- Tri-Valley Group Parks (JSP, Servlet, Tomcat, MySQL, AJAX, HTML, CSS) - An informational site displaying information about group picnic areas
- Hangry (JustInMind) - A prototype of a food review site. It is similar to Yelp and Google but with an improved user interaction.
- Simple Bottle (Node, HTML, CSS, JS, JQuery, AerCloud) - IoT smart pill bottle to help with prescription drug abuse. Used Tessel 1 board to simulate pill bottle. Smart pill bottle information is sent to the cloud for medical staff review. This project won first place at the Aeris IoT competition.
- IntTips – (HTML, CSS, JS, JQuery, Express) A simple tip calculator that has the ability to ceiling round the bill with a 15% tip to an integer dollar total.

Links

- https://natekong.github.io/
- https://www.linkedin.com/in/nathanwkong/
- https://github.com/natekong

Tools

Management: Jira, Asana, Word, Excel
Presentation: Powerpoint, Prezi, Emaze
Prototype: Principle, JustInMind, Atomic
OS: Mac, Linux, Windows
Other: Eclipse, Git, Docker, Sublime, Apache