DEREK CHOW

SOFTWARE TEST ENGINEER

» CONTACT

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» EDUCATION

University of California, Irvine
B.S. Computer Science 2017
Cumulative GPA 3.1

» SKILLS

HIGH-LEVEL PROGRAMMING RELATED SKILLS

C++
Java
Python
SQL

WEB DEVELOPMENT SKILLS

Javascript
HTML5
CSS3
AJAX
JSP
Servlets
Bootstrap3
Amazon Web Services

QUALITY ASSURANCE/TESTING

Selenium
Protractor
Jasmine 2
Junit
TestNG

» SUMMARY

Versatile developer versed in multiple programming languages and always ready to learn more. Self-directed leader who fosters a collaborative and supportive team environment.

» EMPLOYMENT

OpenText   San Mateo
Software Test Engineer   Aug 2017 to Current
- Developed a testing framework for a new hybrid application to foster a continuous integration development
- Created utility functions and tests using Selenium, Java, JUnit, Jenkins and Gradle
- Actively collaborate with software developers to add classes, id, and more to increase the testability of the web application

Self
Indie Game Developer   Apr 2014 to Jun 2017
- Learned to use and adapt multiple game engines including Game Maker, Pygame, RPGMAKER, Unity 3
- Learned and practiced on a variety of different langauges including C#, Javascript, Python and Lua
- Build, tested, and deployed small games on web platform for feedback and practice on agile development
- Projects descriptions and information is on github website

» PROJECTS

Selenium/Gradle Testing Framework   Aug 2017 to Current
- Implemented a testing framework which improves overall performance of the team by automating the regression and smoke testing process
- Collaborated with scrum masters and developers to help the team transition the application to a more automatable web application
- Helped create build solutions and testing matrixes to increase the overall organization of all the tests for the team

FabFlix   Dec 2016 to Feb 2017
- Created a E-commerce website with HTML5, CSS3, JSP, Java servlets, and mySQL hosted at Amazon Web Services
- Used mySQL database to keep track of quantity of stock, the sales, and employees within the company
- Performed performance tuning with Jmeter to check if the time required for responses is fulfilled. Created a side mobile application that allow users to still log on and buy items, through their mobile devices

Keyword Search Engine   Jan 2017 to Mar 2017
- Used Beautiful Soup/lxml library to parse all websites within a given corpus
- Responsible for creating a inverted index of all words within the web pages of the corpus and store it in a mySQL database
- Responsible for creating a search interface allowing the user to search any word/words Respond to requests with a ranking of websites using a relevance score of tf-idf score + other important factors

» AWARDS

FreeCodeCamp · **CERTIFICATE OF FRONT-END DEVELOPMENT**   Sep 2016
A hundred hours of Javascript algorithm training with various web-development projects created with HTML5, CSS3, and JS