

DEREK SHARP

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SKILLS

TECHNOLOGIES: Python, Bash Shell, Java, HTML, CSS, Javascript, C#, Unity, JIRA, JAMA, Django

LANGAUGE: Japanese

PROJECTS

Wanikani Statistic Site

A small Django 1.10 web application where a Wanikani user can look up various statistics about his or her progression.

Night at the Museum

As part of the Udacity VR nanodegree, I created a small google cardboard VR experience demonstrating the benefits of VR in five unique fields in Unity.

Puzzler

As part of the Udacity VR nanodegree, I created a small google cardboard VR experience demonstrating my ability to user test and make iterative improvements in Unity.

EMPLOYMENT

Deloitte - United States Delivery Center, Build Engineer, Mechanicsburg PA

Jun 2015 - Current

- Successfully developed to client and maintain those applications which serves the IL state government programs.
- Supervised 9 difference application environments to ensure developers, testers, and the client have proper regions to work within to ensure deadlines are goals are met.
- Developed several python and bash scripts that automate several build/deployment tasks. Cutting the process time down by half.
- Created python scripts to stabilize the development environment, in turn, significantly reducing downtime and maintain by 50%.
- Using accessibility tools such as JAWS(Job Access With Speech). I tested various application pages to ensure people with disabilities could still navigate the page with out any issues.
- Generate html and excel reports that keep track of build issues and testing metrics to assess the state of affairs, so leadership can address any concerns or issues

Training Academy Consultant, Camp Hill, Pennsylvania

Jan 2015 - Jun 2015

- Developed and maintain Java applications using various technologies like Java 8, Servlet 3.1, JSP 2.3, JPA 2.1, JDBC 4 and Hibernate 4.5.
- Developed and consumed Web Services such as SOAP and WSDL
- Completed the course as one of the top students in the class and hand-picked by the professor to be assigned a more comprehensive capstone project.
- Developed a fully functioning administrative panel for an online music store. This panel allowed for CRUD operations through an easy to use interface.
- Improved upon an online shopping cart project, that allowed for recently visited customers to be able to come back to the website customers they left off.

Technician Intern, Muskegon, MI

Aug 2014 - Dec 2014

- Assisted in performing maintenance on diesel and automotive engines to ensure proper testing conditions
- Cleaned and managed data for two engines to deliver to client so the client had proper data to work with
- I assisted in trouble-shooting and identifying problem with various engines then helped fix the problem so testing could continue schedule.

EDUCATION

University of Michigan

B.S. Statistics 2014