Jacob Oakley

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[LinkedIn](#) / [GitHub](#) / [CodePen](#) / [Twitter](#)

Skills

Front-end Development / Web Design / HTML 5 / Bootstrap / Foundation / CSS3 / JavaScript / React.js / Three.js / Blender / Git / Command Line / jQuery / Ajax / API

Projects

Vets Who Code Symbol

Link: http://codepen.io/jacoboakley/pen/zNBxOm

Made With: Three.js and Blender

Description: Using Blender, a 3D creation tool, I created an object and exported it to a JSON file. Next I created a scene using a WebGL Library called Three.js. Within my scene I added lighting and a camera. Then I imported my Object using the JSON loader built into Three.js. Next I added a rotation so my object would move and a background to make the object stand out. Finally, I rendered my object to the screen.

Star Wars Information Website

Link: http://starwarsinfo.netlify.com

Made With: HTML, CSS, Bootstrap, jQuery, Ajax

Description: Using HTML, Bootstrap, and jQuery, I created a website that dynamically renders information about characters, species, and equipment in the Star Wars Movies. By using Bootstrap for my design, I was able to quickly create a fluid design that would scale to different screen sizes allowing me to write my code once and have it scale to desktops, laptops, and mobile phones. Next, I queried the SWAPI API to gather information using Ajax requests. Afterwards, I would use jQuery to manipulate the DOM and render the new content.

Practice Portfolio

Link: http://codepen.io/jacoboakley/pen/dOePJv

Made With: React and Three.js

Description: I created a scene using a WebGL Library called Three.js. Within my scene I added lighting and a camera. Next I created a cube object that had an array for its Material. This allowed me to create a cube that had a different color on each of its faces. I then rendered the cube on the page and gave it a rotation on each of its axis. Next I used React to display my UI components. I added some links fixed to the bottom of the page that lead to my sites, a help button that displayed text when the mouse hovered over it and card that contained an image of me, my name, and some of the technologies that I am familiar with.

Bouncing Gallery

Link: http://codepen.io/jacoboakley/pen/BWKBaN

Made With: React and CSS

Description: I used React to create and display the images, my text, and the div for my shadow. I then created the shadow under my images by styling my div with the class name of "shadow." Next I animated the images and shadows using key frames that I set to alternate in an infinite loop. Finally I used the CSS pseudo selector:hover to display hidden text, pause the animation, and create a slightly transparent image so the text would be easier to read on darker images.

Card Flip

Link: http://codepen.io/jacoboakley/pen/ZpRbqB

Made With: HTML, CSS, JavaScript

Description: Using HTML I created a container div with a card div that had two children divs for the front and back of the cards. Within the front and back divs I inputted some text and added placeholder backgrounds. Next I wrote a simple function in JavaScript that used an if statement to determine the rotation of the card on the Y axis and if the rotation was 0 degrees then function would rotate the card 180 degrees, else the card would be rotated to 0 degrees. Finally I styled the components using CSS, set the animation characteristics, and set the perspective of for the 3D animation.

Football Game

Link: http://codepen.io/jacoboakley/pen/WRpdXb

Made With: HTML, CSS, JavaScript

Description: Using HTML I created a header, and a div for a football field that held two children, one for a football and one for a button. I used the header to display information such as directions and the outcome of the game. I displayed the football field by using an image for the background of the container div. I also created the football using an img tag in my HTML. Next I used JavaScript to listen for a "keyup" event on the D and L keys to move the ball on the screen left or right. I had to use the "keyup" because if I used the "keydown" someone could hold the key down and it would rapidly repeat the "keydown" event and win the game. Next I used JavaScript to change the text in my header to provide players with the information they needed at different points. As soon as either the D or L keys were pressed the text would change to cheer on the players. Once the ball reached the endzone the text would change to let the players know who won. Lastly, I used JavaScript to display a hidden button and created a function that would reset the game once the button was pressed. CSS was used for a small amount of styling.

Education

Rogers State University
Claremore, OK (918) 343 - 7777
December 2014 Bachelor of Technology in Applied Technology

Experience

U.S. Army Reserve (Active Duty) | El Paso, Texas | Secret Security Clearance
Observer Controller Trainer (OC/T) *January 2018 – Present*
With leadership techniques developed over time and through training I instruct and coach Soldiers to ensure successful completion of ranges and training prior to deployments to areas across the globe. As an OC/T, I am responsible for the safety and wellbeing of those I train. Risk

management, classroom instruction, and lanes training are just some of the techniques I use to ensure the Soldiers', Sailors', and Airmen I instruct can perform their Warrior Tasks and Drills.

Express Employment Professionals | Oklahoma City, Oklahoma
Data Specialist August *2017 – January 2018*
Given a small responsibility to validate and gather information, I quickly transformed the role of Data Specialist by using my education in programming and business to perform data automation, visualization, and analysis on data that I collected. Given a subscription to Career Builder's Supply and Demand, I was able to collect data on the job market in around a market area. Then I used the information to provide Express franchisees with recommendations to questions such as, should they hire a Technical Recruiter, what is the demographic of the candidates in the area, or how much competition is there in the area. I am also responsible for prototyping a new Excel tracker for the offices. Using Excel and Visual Basic I created two separate workbooks, one for the office manager and one for recruiters. On the Recruiter's workbook I created a dashboard that had graphs, charts, and a "snap shot" of information that they could use to see how they were progressing towards their goals and compare their current year to previous years. On this dashboard I was able to place buttons that automated some of their common tasks, such as adding a new year, adding new graphs and charts, and filtering information and updating the graphs and charts. On the Office Manager's I created a similar dashboard but with the added ability to add new employees and create a new workbook and rolling up all the employee's data into the Office Manager's workbook with a single button click.

SERCO | NAS Jax Jacksonville, Florida | (866) 997 – 3726
Human Resources Specialist – CNIC *October 2016 – June 2017*
I am responsible for implementing and updating a position classification library on the Total Work Force Management (TMWS) HRIS for civilian employees. I am accountable for over 5000 Position Descriptions (PDs). I collect and organize PDs, Review PDs for errors, Create detailed reports regarding the status of the project, the problems with the HRIS, and errors with PDs. I use the Office of Personnel Management website to reference job titles, codes and requirements. I purge unnecessary and outdated documents and provide training and guidance to new users of the HRIS PD Library through various telecommunication devices. I am accountable for creating and updating business rules and user guide for the TWMS PD Library.

Capstone Corporation | NAS Jax Jacksonville, Florida | (703) 683 – 4220
Human Resources Specialist – CNIC *July 2015 – September 2016*
See SERCO – Human Resources Specialist

Administrative Assistant – CNRSE *February 2015 – June 2015*
Given six months to review hundreds of workers compensation closed cases, remove and discard unnecessary documents, and dispose of the sensitive information according to DOD regulations. Using a scanner I made digital copies of relevant information, attached a label and stored the information according to DOD regulations and guidelines in just over four months.

U.S. Army Reserve (TPU) | Mustang, Oklahoma | Secret Security Clearance
Human Resources Specialist *April 2008 – January 2015*
With leadership techniques developed over time and through training I lead Soldiers in various tasks to ensure successful completion of our duties. Using a computer I write memos, letters, awards, correspondence, and evaluations. This task requires attention to detail to produce documents without errors. I am responsible for maintaining over 140 Soldiers' Online Military Personnel File. I track and record data pertaining to unit readiness, brief the Commander on the status of the Soldiers, develop short and long-term training plans, research and apply military regulations and guidelines. I also mentor junior Soldiers and help them with improving

themselves and their military careers. On occasion I assist the instruction of courses on various subjects pertaining to military regulations, guidelines, and field manuals.