Jorge E. Sierra

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SUMMARY

Full Stack Developer with experience as a 3D Artist and digital marketing with a passion for learning. Dedicated individual who can adapt quickly in a fast paced environment. Enjoys working in collaborative team environments as it promotes professional and personal growth. Willingness to undertake additional responsibilities to accomplish team goals.

TECHNICAL SKILLS

Web Development: MongoDB, Express.js, React.js, Node.js, JavaScript ES5/ES6, Handlebars.js, JQuery, JSON, AJAX, HTML, CSS, Heroku, REST APIs, Twitter Bootstrap, Sequelize, Google Materialize, DIVI

Databases: MongoDB, MySQL, FireBase.

UI/UX: Adobe Photoshop and Illustrator.

Animation/Visual Design: 3DS Max, Adobe Suite.

CMS: WordPress

Platforms: Windows, Git/Github, Twitter API, Spotify API, Google Sheets, Google Suite, Microsoft Suite, WordPress

APPLICATIONS

Shout! | https://lopez42512.github.io/Shout/
- Meet up at the click of a button with a friend. Give a shout and see if your friends are within the area to do some activities.
- Created a full implementation of shout logic, integrating both google maps and yelp api to the website, logo design, and messaging interface.
- **Technologies used**: Firebase, Javascript, HTML, CSS

Steals for Deals | https://stark-ravine-73218.herokuapp.com/
- Is an application that is solely user-generated. If you come across certain foods or drinks that are great for the price, this app would help you share this serendipity with your fellow citizens.
- Created the user input db, work with webrtc, and fill in wherever the team needed help.
- **Technologies used**: MySQL, HTML 5, CSS 3, jQuery, Heroku, Yelp API, Node, NPM - Express, Multer, Express-Handlebars.

Phree-OS –
- Is a POS application developed to be used by anyone with a pop-up shop, farmer's market, food trucks, lemonade, etc...
- Created the login page, store page, and manager pages. Managing and creating all calls, calculations, and interactions with the user. Also, created full-stack template for the team to use.
- **Technologies used:** MySQL, HTML 5, CSS 3, jQuery, Heroku, React, Passport.

EXPERIENCE

Neutronics Inc. (*Exton,PA/home***)**   February 13' – January 19'
Engineering Assistant
- Tested a beta unit by running it through 13 different refrigerant gases to see if any where contaminated with air or other refrigerants. This work also required refilling of tanks of tanks by mixing refrigerants. Lastly, provided IT support in installing/reinstalling software, wiping computers and initializing them.
- *Marketing(promoted August 13')* Promoted to designing and redesigning of product data sheets, manuals, company brochures, product photography, designing four websites utilizing wordpress, and overall creative needs for the company. Software used: Photoshop, Illustrator, After Effects, and Premiere . Camera: Alpha SLT-A55V *Artwork available upon request.*
- Later provided the same works but remotely.

Trick or Treat Mania (Lockheed Martin (*Mount Laurel, NJ***)**   October 09'- September 11'
3D Artist
- Used 3DS Max to create scenes, animations, UIs, UX, and art assets to be implemented in a web training simulation.

Fusion Animation Studios   June 08'- September 08'
Character/Animation Artist (Freelance)
- Created two character models in 3ds Max for a potential 3D animated series.

Trick of Treat Mania *(Mendota Heights, MN***)**   April 08'- October 08'
Modelling/Animation/Programming
- Created and animated 2 character models and several in-game static objects for the environment. Also,scripted a boss battle and item interactions for the main character.

Education

University of Pennsylvania, Philadelphia, PA   2019'
Certificate: Full-Stack-Flex Web Developer

Brown College, *Mendota Heights, MN*
Bachelor of Science in Game Design and Development   2008'
Achievements: Honor Roll and Dean's list
            GPA: 3.66
            Activities: President of the gameClub 06-08