

# Jorge E. Sierra

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## SUMMARY

Full Stack Developer with experience as a 3D Artist and in the digital marketing space. A 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, MySQL, 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

**ORM:** Sequelize and Mongoose.

**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

**Phree-OS** | <https://phree-os.herokuapp.com/>

- 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 API calls, calculations, and interactions with the user. Also, created the full-stack template for the team to use.
- Technologies used: MySQL, HTML 5, CSS 3, jQuery, Heroku, React, NPM - Passport.

**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.

**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 in 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

## EXPERIENCE

*Freelance DSM Biomedical (Exton, PA)*

*January 17' - present*

- Created modular HTML/CSS email for company to use for promotional services.
- Cut, edit, color grade, and create motion graphics for web promotional videos of company execs.

*Neutronics Inc. (Exton, PA)*

*February 13' – January 19'*

*Engineering Assistant*

- Tested a beta unit by running it through 13 different refrigerant gases to see if contaminated with air or other refrigerants. This work also required the refilling of tanks by mixing refrigerants.
- 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.

*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 or 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: GPA: 3.66*

*Activities: President of the gameClub 06-08*