

Jeffrey N. Arriaga

jarriaga.hunter@gmail.com * Austin, Tx

<https://github.com/DonSintaro> - <https://www.linkedin.com/in/jeffrey-arriaga-964836a6>

<Portfolio site link here – In progress>

Introduction

I am a Full-Stack Developer that has a background in clinical laboratory sciences. I have a meticulous and precise skill set as required by hospital standards, and an attention to detail that I have carried over as I have transitioned into software application development. I am passionate and enjoy being able to create truly interesting things that increase the ease, comfort, and fun for everyone that may use them. I carry an education from The University of Texas: Medical Branch, a full-stack coding certificate from University of Texas coding bootcamp, and currently continuing my education at Austin Community College in pursuit of a second Bachelors leading into master degree through online courses. Skills in HTML, CSS, Javascript, React.js, Next.js, React Native, Bootstrap, and node.js to name a few. A strong creative sense with a hobby in creation of art projects using the Adobe Suite. I am exhilarated to blend all my knowledge and skill sets while continuing to grow in order to make a maximized high quality experience that would make me a valuable member to any organization.

Summary of Qualifications

- Extremely adaptable and quick to learn new systems and processes.
- Work well independently and with groups
- Developed eye for detail, accuracy, and safety
- Work well in fast paced environments

Technical Skills

Languages - Python, SQL (MySQL), C++, Javascript, HTML5, CSS

NPM packages - cheerio (Web data scraper), inquirer, express, logger, sequelize, mongoose, jest

Concepts - REST (Representational state transfer) with AJAX, Object orientated programming, MVC (Model-View-Controller), DOM (Document Object Model), Responsive and Mobile first design, JSON file formatting

Tools and API - Visual Studios, GeoJSON, Bootstrap, Materialize, jQuery, Git Bash, github, NoSQL – MongoDB, mapbox, moment.js, Node.js, Heroku, jawsDB, Postman, Adobe Photoshop CS5, Orchard Harvest LIS, EPIC, Safetrace, React, React Native, Expo, Next.js, mLab, Firebase

Projects

Cellphone Cell Image Collector - <https://github.com/DonSintaro/public-cellphone-reactnative-cell-imager>

- Cellphone application for image data collection on firebase
- Solo project, created the entire thing.
- Used: React-Native, Javascript, SQL, firebase, expo, and heroku

Spotify Genre Map - <https://github.com/luke-ols0/Spotify-Webscraper-Genre-Map>

Deployed site <https://project-2-spotify.herokuapp.com/>

- Mapbox application that displays scraped data of music genres
- Group project, created/provided the idea for the method of data collection and provided recommendations to peers on data collection(investigated various sites and api to which I found we could use a relic version of spotify to collect all the data we need; we allocated the duty to 2 peers to create, I acted as support. I Created the controller.js, models (dropped and replaced with current models), db.js. Also created front-end features such as a timeline scroll bar that was not implemented into the project. Because I had learned and found how to use mapbox, I acted as support to our front-end peer after completion of my portion of the code.
- Used: HTML, CSS, Javascript, SQL, heroku, and various api/npm including cheerio, mapbox, and sequelize.

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Work experience

BSW Lakeway Medical Center (3rd. and currently 2nd shift) Generalist - Full-time **Dec 2014 - Present**
Lakeway, Texas

Duties:

- Perform testing for coronavirus during the COVID-19 Pandemic.
- Completed testing, maintenance, and validations in chemistry, hematology, and blood bank to compliance with CAP, CLIA, and JCAHO organizations.
 - Verbally recognized for turnaround times better than system averages by large percent(> 95%).
 - Pointed out issues and potential points of failure for satisfactory turnaround times.
- Performed annual duties including validations of lab temperatures, and timers.
 - Verbally recognized for validations of new analysis systems and performance of supervisory duties.
- Created spreadsheets for proper workflow to my various supervisors.
 - Verbally recognized for creating well documented technical reviews of issues for service engineers.
- Unofficial technical consultant to LIS(Laboratory Information Systems) issues.

St.Davids North Austin Medical Center (3rd and 1st shift:) Generalist - Full-time **Jun 2016 - 2017**
Austin, Texas - Simultaneous job

Duties:

- Performed testing, maintenance, and validations within hematology, chemistry, and blood bank to compliance with CAP, CLIA, and JCAHO organizations.
 - Verbally recognized for ensuring compliance from issues that violate accreditation organizations.
- Processing performed for microbiology and molecular testing.

Certifications

University of Texas : Coding Bootcamp Completion Certificate
MLS-ASCP : Certification Number: 250840

Education

University of Texas – Austin, Texas **Completion April 2020**
Bootcamp program for Coding
<https://drive.google.com/open?id=1hteqtRwSxXVub3ezzuyvVN-gPNKX0ilQ>

Austin Community College – Austin, Texas **Fall 2017 - Present**
Continuing education in pursuit of a Computer Science degree

University of Texas Medical Branch – Galveston, Texas **Completed Fall 2014**
Bachelor of Science in Clinical Laboratory Sciences

University of Houston (Main Campus) - Houston, Texas **Fall 2010 - Spring 2012**
Attended for Pre-Medical sciences

Del Mar College - Corpus Christi, Texas **Completed Fall 2011**
Associates degree - Liberal Arts