

Education

B.S. Behavioral Neuroscience

St. Edward's University, Austin, TX

08/2014 – 05/2019

UT Austin Web Development Program

The University of Texas, Austin, TX

06/2019 – 12/2019

Skills

- **Programming:** JavaScript (Web & Node.js), Python
- **Frameworks:** React, Express, jQuery, Bootstrap, Passport.js
- **Tools:** Gulp, Travis, ESLint, Jupyter notebooks
- **Deployment:** Heroku, Firebase, GitHub Pages
- **Data:** MySQL, MongoDB, DBeaver, MS Excel, IBM SPSS
- **Data Visualization:** Tableau

Experience

Software Engineering/data Analytics Intern

04/2020 – 08/2020

4Ocean, Austin, TX

- Used SQL, Python and JavaScript to manage a worldwide database of trash, cleanups, ocean pollution and recyclable goods from research labs across the world
- Designed and implemented A/B testing research experiments, performed analytics and presented findings to stakeholders
- Created webapps using the MEAN stack to supplement 4Ocean's primary website and allow consumers to utilize data and see insights from the Trash Tracker database
- Extensively studied product development, management and lifecycle, maintained product SKU database

Surgical Neurophysiologist

10/2020 – 11/2021

Intranerve neuroscience, MPOWER Health, Colorado Springs, CO

- Analyzed healthcare data to provide real-time feedback to surgeons about how to improve their technique and/or avoid compromising important neural structures
- Communicated any and all relevant surgical and adverse events to the interpreting physician and surgeon, working as a team with all surgical staff to employ risk reduction techniques and improve post-op outcomes

Projects

Trash Tracker

github.com/tlacy1000/trash-tracker - JavaScript, HTML, CSS, jQuery, Bootstrap

- An informational webapp showcasing 4Ocean's pound-for-purchase ocean cleanup model
- Provides a step-by-step guide with insight into the product development cycle, ocean facts, and tips for reducing plastic consumption

L'Orange Realty

github.com/tlacy1000/lorangerealty - JavaScript, HTML, CSS, jQuery, Bootstrap, react

- A business webapp for a Colorado real estate agent
- Provides an overview of services offered, neighborhoods/listing areas, contact form, and blog on home improvements and real estate buying tips/information