

Larkin Ingram

Austin, TX · 512-608-5003 · larkiningram@gmail.com

[linkedin.com/in/larkin-ingram](https://www.linkedin.com/in/larkin-ingram) · larkiningram.github.io/Portfolio/ · github.com/larkiningram

SUMMARY

Highly motivated engineer with a BS in Biomedical Engineering from Cal Poly and a certificate in Full Stack Web Development from the University of Texas at Austin who loves learning new things and helping others to succeed. Regularly demonstrates effective problem solving, communication, teamwork and time management skills. Excited to leverage skills in the future as part of a fast-paced, quality-driven team in order to build better experiences on the web.

TECHNICAL SKILLS

Languages: Javascript, HTML5/CSS3, Python, MATLAB, LabVIEW

Technologies: Node.js, React, Express, MySQL/Sequelize, MongoDB/Mongoose, Ajax

PROJECTS

Trick or Tracker | github.com/larkiningram/Trick-or-Tracker | pleaseworkjesus.herokuapp.com/

- Collaborated with a group to develop a RESTful web application which allows homeowners to communicate with trick-or-treaters about what types of candy they plan on handing out
- Applied Node.js and Sequelize skills to write server-side logic for the application, as well as applying jQuery and Ajax skills to build the functionality of the application's interface
- Javascript (Node.js, jQuery), HTML, CSS, MySQL (Sequelize), Ajax

Clicky Game | github.com/larkiningram/Clicky-Game | larkiningram.github.io/Clicky-Game/

- Simple memory game where the user loses if the same image is clicked twice
- Javascript (React), HTML, css

Bamazon | github.com/larkiningram/Bamazon | (no deployed page)

- Amazon storefront-like program which allows user to act as customer, manager, and supervisor
 - Demonstrated ability to implement SQL data collection within a Node application
 - MySQL, Javascript (Node.js)
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ENGINEERING AND RELEVANT EXPERIENCE

Pressure Cylinder Controlled Release Valve - Senior Design Project

Sept. 2018 - March 2019

- Designed a program to automate a repeatable pressure drop for a pressure cylinder used in tissue engineering scaffold creation
- Took initiative to learn and master LabVIEW software
- Worked with a team to draft and perform IQ/OQ/PQ, FMEA analysis, test protocols, and statistical analysis

Undergraduate Researcher – Cal Poly Dairy Science

June 2018 - August 2018

- Worked to find a more nutrient rich substitute for native breast milk for infants
 - Performed statistical analysis using response surface experimental design in MiniTab
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EDUCATION

Bootcamp Certificate: University of Texas at Austin

A 12-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node Js, MySQL, MongoDB, Express, Handelbars.js & ReactJS.

Bachelor of Science in Biomedical Engineering: California Polytechnic State University-San Luis Obispo