# Elaine Chan

🔗 TBDportfolio ✉ [emchan55@gmail.com](mailto:emchan55@gmail.com) 📞 512-565-8843 in [elainechan55](https://linkedin.com/in/elainechan55) ⚫ [elainechan55](https://github.com/elainechan55) 🏠 San Antonio, TX

## OBJECTIVE

A fun and curious software engineer with an education in biochemistry and a service industry background. I strive to use my experience to produce thoughtful code and solutions for an amazing company, in an environment that challenges me daily and encourages both teamwork, mentorship, and growth.

## EDUCATION

**Software Engineering Immersive,** General Assembly, *Remote*                                        **Mar 2021 - Jun 2021**
**B.S in Biochemistry,** St. Edward's University, *Austin, TX*                                        **Sep 2015 - Jun 2018**

## SKILLS

Languages: **HTML, CSS, JavaScript, Python, SQL**
Libraries & Frameworks: **React, Django, Express.js, Node**
Technologies & Methodologies: **Git/Github, Atom, MongoDB, PostgresQL, cURL, REST API, SDLC, Agile**

## SOFTWARE EXPERIENCE

**Software Engineering Immersive,** General Assembly, *Remote*                                        **Mar 2021 - Jun 2021**
Built four single-page web applications with responsive design and RESTful APIs using Git/Github for version control in a 12 week full-stack software engineering program.

### JeopMillionaire!?
- A trivia-game application based on the game-shows 'Jeopardy!' and 'Who Wants to be a Millionaire?'.
- Built in React and BootStrap and allows users to interact with a gameboard that is set up with random categories with questions of varying points utilizing Express.js and MongoDB.

### E-commerce Shop ("Beaux Degas")
- A user-based e-commerce web application built in React and Express.js that allows users to browse and purchase items utilizing Stripe Checkout for payment validation.
- Built and designed application in a collaborative effort on a team of three utilizing agile methodologies.

### TickTasker
- A user-based web application for creating, storing, and updating tasks that can be 'ticked' off when completed utilizing Javascript, jQuery, Express.js, and Bootstrap.

### Tic-Tac-Toe
- A front-end application that allows users to perform basic authentication and interact with a responsive gameboard built with Express.js, Bootstrap, HTML, and CSS that connects with a back-end API hosted on Heroku.

## ADDITIONAL EXPERIENCE

**Donor Support Technician,** CSL Plasma, *San Antonio, TX*                                        **Oct 2018 - Apr 2019**
- Prepared the donor and the autopheresis machine and disconnected donor once pheresis process complete
- Oversaw and monitored an average of 200 donors and their pheresis process per shift
- Alerted and aided medical staff when necessary
- Trained three new DSTs to set up and disconnect donors and how to respond to alarms or donor reactions

**Cell Biology Research,** St. Edward's University, *Austin, TX*                                        **Jan 2018 - May 2018**
- Collaborated on a team of three with the guidance of a professor to research autophagy, the age-related degradation of essential proteins and organelles
- Utilized LasX (Leica Application Suite X) microscope software to visualize the movement of motor neurons
- Correlated findings of *C. elegans* model to humans to better understand age-related neurodegenerative diseases

**Chemistry Lab Teaching Assistant,** St. Edward's University, *Austin, TX*                                        **Aug 2017 - Dec 2017**
- Assisted a chemistry professor with two Chemical Instrumentations labs with a total of 30 students
- Prepared stock solutions and solvents for students in UV/Vis spectroscopy and HPLC
- Collected spectra and calibration curves of stock solutions, solvents, and analytes