

# Kristy Lee

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As a former aspiring medical professional, I have been instilled with a mindset of helping others along with empathy. Now as a software engineer, I continue to carry this mindset as I program applications. By leveraging on my analytical skills, I aim to resolve programming issues by digesting them into smaller, more comprehensible tasks in order to find the best solutions for the problems I am presented with. Combined with my problem-solving skills, my passion for learning in-depth of each program language and framework, and for serving others, I endeavor to continually build applications that are meaningful and impactful for people.

## Technical Skills

JavaScript, NodeJS, Express, MongoDB, SQL, Python, Django, Ruby, Ruby on Rails, HTML, CSS

## Technical Projects

### Travel Journal

*A mobile-responsive web application allowing author to view, create, edit, and delete travel posts (NodeJS, Express, MongoDB, jQuery)*

- Spearheaded a back-end CRUD API comprising of two referenced models and multiple routes to deliver JSON data to the front-end application
- jQuery library was applied to display JSON data from API and to collect data from author, while the web browser network request was used to send new or updated data to the built API

### Tello

*A clone of Trello that lets you prioritize and stay organized with boards, lists, and cards (Ruby, Ruby on Rails, Vue)*

- Assumed role as technical manager in team, overseeing pushes and pull requests on Git branches, testing team member's code, and providing constructive feedback and help to members
- Implemented user authentication with Ruby and Ruby on Rails to manage user login and signup on the front-end
- Constructed four referenced models, including Users, Boards, Lists, and Items, along with their controller actions. Led local and Heroku deployment testing on Postman to ensure controller actions functioned properly.
- Used Vue to form full CRUD on Boards, Lists, and Items and the drag and drop functionality of Items between Lists

### Book Collection

*A digital book tracker for users to add genres and books to it, formulate book reviews, and track reading progress (Python, Django, Vue CLI)*

- Built custom User model and manager, serializers, and views for a tailored authentication system on Django
- Devised the API with relationship models and views for Genre and Book. Views checked for the proper user and genre for the CRUD portion of Book model and handled any duplicated genre names and book titles
- Integrated Vue CLI and Buefy on the frontend to build out components for a multipage view with each view communicating to the backend API

## Technical Work Experience

### Software Engineering Fellow

June 2020 – Sept. 2020

*General Assembly*

- Developed fluency in JavaScript, NodeJS, Express, MongoDB, Ruby on Rails, SQL, Python and Django over the course of 400+ hours in professional software programming training
- Applied learned languages to build functioning full-stack CRUD web applications

## Work Experience

### Front Desk Receptionist

May 2019 – March 2020

*1<sup>st</sup> Impression Dental*

- Managed patients in the front-desk by scheduling and checking them in
- Calculated, processed, and discussed with patients about their treatment copayments and deductibles before their appointments.

### Medical Assistant

April – May 2018

*Day Dermatology and Aesthetics*

- Prepped patients for cosmetic treatments, and assisted doctor with various medical and cosmetic procedures by controlling bleeding, alleviating patient's tension, and anticipating the medical instrument that the doctor needed next
- Accurately documented the full visit on patient's chart, including the physical exam, procedure, and treatment plan

## Education

### General Assembly

June 2020 – Sept. 2020

Software Engineering Immersive Certificate

### Stony Brook University

Aug. 2013 – May 2017

Bachelor of Science in Biology, GPA: 3.91

*Summa Cum Laude*, Outstanding Academic Achievement in Interdisciplinary Biology, Dean's List