

# ERIC LIANG

(646) 339-0204 • [eliang58@gmail.com](mailto:eliang58@gmail.com) • NYC  
[clericl.github.io](https://clericl.github.io) • [github.com/clericl](https://github.com/clericl) • [linkedin.com/in/eliang58](https://linkedin.com/in/eliang58)

**SKILLS** JavaScript, React.js / Redux.js, D3.js, jQuery, HTML5 / CSS, Ruby on Rails, RSpec, SQL, git

## PROJECTS

**felix** (Rails, React.js)

[felixfb.herokuapp.com](https://felixfb.herokuapp.com)

*Felix is a social media application inspired by Facebook.*

- Built a structured PostgreSQL database that leveraged polymorphic associations to streamline CRUD actions on overlapping models
- Designed a model-agnostic search algorithm to comb the database for relevant content, returning dynamically formatted results in real time
- Constructed a user interface with React components as the foundation for alert modals, infinite scrolling, intelligent photo grids, and responsive input fields for a seamless, engaging user experience

**Catena** (D3.js)

[clericl.github.io/catena](https://clericl.github.io/catena)

*Catena is an interactive tool to visualize etymological relationships between words.*

- Created an algorithm to take unorganized word data and recursively build layered tree structures to be rendered in a radial tree diagram
- Crafted a responsive, UI / UX-focused data visualization by integrating D3 selections, transitions, and data joins with native JavaScript promises and mouseover events
- Hosted the JSON-parsed database on Google Cloud Platform to minimize application size and improve scalability

## EXPERIENCE

**Bartender**

*Karaoke One7*

Nov 2018 – Apr 2019

- Ensured customer satisfaction and managed reservations, generating a weekly revenue of over \$21,000
- Processed up to 500 transactions per day using Restaurant Manager point of sale system
- Analyzed sales nightly and condensed data into a report in Microsoft Excel

**Literary Agent Assistant**

*Sterling Lord Literistic, Inc.*

Apr 2018 – Jul 2018

- Provided editorial support for the desks of two vice presidents, reviewing dozens of proposals per week in fiction and nonfiction as well as partial and full manuscripts from prospective and established clients
- Utilized proprietary database software to calculate and track royalties, contracts, publication dates, and other client information
- Liaised between agents, editors, and clients, facilitating contracts worth up to \$700,000
- Generated daily agency-wide reports including sales data for each agent, bestseller lists, and generalist market trends

## EDUCATION

**App Academy - Fullstack Web Development**

Spring 2019

**State University of New York at Binghamton - Bachelor of Arts in Linguistics (GPA: 3.78)**

2012 – 2015