

Benjamin Lee

Software Developer

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SUMMARY

As a software developer, I enjoy helping companies fix bugs, build features, and get their web applications up and running.

PROFESSIONAL WORK

GLASS PLANNER <https://glass-planner-frontend-git-deploy.bendelonlee.vercel.app/>
SEP 2020 - NOW <https://glass-planner-frontend-git-demo-bendelonlee.vercel.app/>

- Created a monorepo where web and mobile apps share code.
- Implemented 3 types of items (tasks, appointments, and calendar notes), and 3 viewing modes (Plan, Act, and Done).
- Optimized optimistic UI, using Redux-Offline, to serve users with low connectivity.
- Wrote over 200 tests with Rspec, RTL, and Cypress.
- Designed calendar, using React-window's InfiniteLoader, so UI is fast and infinitely scrollable.
- Created intuitive checklists, using ContentEditable and vanilla javascript.

STUDENT PROJECTS AT TURING

THIRSTY PLANTS <https://thirsty-plants.herokuapp.com>
2019 https://github.com/bendelonlee/thirsty_plants

- Contributed to a group project, with a branching git workflow and Travis CI.
- Stored garden information on backend relational database, managing many-to-many relationships so users can invite others to water their garden.
- Provided weather information in app (consuming Dark Sky) to prevent overwatering.
- Set up auto-rescheduling background workers using Rails and Heroku to give users automated reminders based on their garden and settings.

SWEATER WEATHER <https://github.com/bendelonlee/sweaterWeather>
2019 <http://sweater-weather-1.surge.sh/>

- Built a backend using Rails to consume APIs DarkSky and Google Geocoder to deliver weather information based on names of cities.
- Built a frontend using vanilla javascript to create an engaging user experience.
- Optimized parameters sent to Flickr API so relevant background images are shown to users based on the city searched.
- Built in data caching using Rails and Redis to reduce API calls, (ie, expenses)

EDUCATION

TURING– Denver, CO School of Software Engineering - 2019

KNOX COLLEGE– Galesburg, IL Bachelor of arts Magna Cum Laude - 2012

Frameworks / Languages

- React
- JavaScript
- jQuery
- Ruby
- Rails
- ActiveRecord
- SQL
- Sinatra
- HTML/CSS/Sass

Systems / Practices

- Git/Version Control
- API Development
- RESTful architecture
- Test Driven Development