

Brent Bumann

P: 650-580-6605

brent.bumann6@gmail.com

[Portfolio](#)

[LinkedIn](#)

[Github](#)

SKILLS Ruby/Rails, React/Redux, PostgreSQL, Mongo, HTML/CSS, JavaScript/TypeScript, Python, SwiftUI, AWS, Github, Bazel

EXPERIENCE

Software Engineer Apprentice, API Platform

Sept. 2019 - Present

Dropbox

- Created a UI in the Development Console that allowed 500+ third party developers select permission scopes for their apps.
- Designed and implemented custom routes for OAuth API v2 in Python to coincide with industry standards.
- Created/Updated Entities in Edgestore (internal metadata store) to efficiently store important application information.

Software Developer Technical Instructor

May 2019 - Sept. 2019

App Academy

- Facilitated group lectures and assignments for 70+ incoming students, teaching foundational Ruby, code review, OOP concepts and reviewing solutions for daily projects
- Manage and coach interactive classroom exercises including one-to-one and pair programming problems and algorithms

Computing Team Leader

Mar 2018 - Dec 2018

Best Buy Co.

- Implemented different sales strategies to ensure the department exceeded the goal by \$30,000 - \$60,000 per month.
- Provided monthly vocational coaching to a 5+ member team in a one-on-one environment based on quantitative metric tracking established in an Excel.

AT&T Mobile Expert

June 2017- Mar 2018

Best Buy Co.

- Sold over \$1M in products and services and consistently in the top 3% in the district for my role.

PROJECTS

Carro (Rails, ReactJS, PostgreSQL)

[Live](#) | [Github](#)

A pixel-perfect clone of Turo that uses SQL database, Rails backend, React frontend with CSS/SASS

- Implemented BCrypt to create a protected user experience where a user can create an account or login, accomplished by temporarily bootstrapping the user, in order to avoid extraneous AJAX requests.
- Optimized App scalability by storing content uploaded by users in AWS S3, a cloud based platform.
- Leveraged custom event listeners and the Redux cycle to dynamically change User Interface based on user permissions.

P.A.R.C. (MongoDB, Express.js, ReactJS, Node.js)

[Live](#) | [Github](#)

"Parking at Residential Communities" uses MongoDB, Express.js, React.js, Node.js

- Incorporated Google Maps API with geolocation and custom search functionality to dynamically present listing locations based on user parameters.
- Implemented local strategy for user authentication with Passport.js, using BCrypt for password hashing.
- Developed a custom calendar using CSS3 to display availability for listings and create bookings.

Lightspeed Racer (Node.js, JavaScript, CSS3)

[Live](#) | [Github](#)

Fast-paced game that uses Canvas for visuals and Javascript to handle actual gameplay and class interactions

- Developed collision detection algorithm for sprite characters, and integrated with keystroke event listeners to predict future player direction and movement.
- Created sprite visuals on Canvas and implemented DRY coding practices by using prototypical inheritance.
- Utilized JavaScript to query screen size and create a responsive design that modifies to fit different screen sizes.

EDUCATION

AppAcademy - 2019

Intensive web development training program prioritizing full-stack web development with emphasis on the latest technologies.

University of California Merced - 2012-2016

Human Biology Major- 140 credits