

Reuben Reyes

Engineer, frontend developer

Contact

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Skills

Frontend Development

JavaScript

React

Apollo

Gatsby

GraphQL

Sass

CSS Grid, Flexbox

Backend Development

Node

Python

Django

Developer Tools

*NIX Shell

Git

npm/Yarn

Programming

C

C#

Web Design

Sketch

Photoshop

Education

BS Mechanical Engineering

San Jose State University

Spring 2017

Certifications

FE Electrical & Computer

13 August 2018

Developer with a diverse engineering background and a passion for helping others learn. Self-directed and quick to adopt, understand, and utilize web technologies.

Projects

Try Coding, It's Fun (trycodingitsfun.com)

React, Gatsby, GraphQL

- Web platform helping developers of all levels to love what they're coding.
- Creator and maintainer of Gatsby/React codebase. Main author of web dev blog posts.
- Built a responsive and extendable static site using modern frontend technologies.

I'm Silent Photography (imsilentphotography.net)

Django, Python 3, JavaScript, jQuery

- Freelance photographer website built using Django on the backend.
- Built a maintainable CMS on top of Django boilerplate using Python and SQLite.

You Don't Know JavaScript Exercises (ydkjs-exercises.com)

React, React-Router, Firebase, Open-Source

- Web platform teaching JavaScript and web development fundamentals.
- Active maintainer, contributing components, tests, UI/UX design.
- Growing repository; 90 stars and over 500 commits within 4 months of creation.

SICC PICCS (sicc-piccs.netlify.com)

React, Apollo Client, GraphQL, Hasura, Clarifai, Sass

- Multiplayer scavenger hunt game using machine learning image recognition.
- Utilized client-side Apollo/GraphQL data layer to interface with headless Hasura backend over websocket protocol.
- Built for freeCodeCamp JAMstack Hackathon 2018, placing top 7 out of 37 teams.

PBX Data Parser

Python 3, openpyxl, TKinter

- PBX outfile parser which writes erratically delimited data to spreadsheet software.
- Reliably stores and categorizes complex data sets, removing the responsibility from a human engineer, requiring minimal GUI or CLI input.

Employment

Transit Systems Engineering, Inc.

Engineer (April 2018 - present)

- Coordinating with resident engineers at Bay Area Rapid Transit (BART) to safely overhaul and install new vital wayside train control equipment.
- Led AutoCAD development to produce vital BART system drawings, delivering 100% design package two months ahead of schedule.