

Jared Johnson

Software engineer based in Jersey City

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PROJECTS

StringSync, [Live](#) • [Source](#) — Rails, PostgreSQL, TypeScript, React/Redux

- Revolutionizes the way guitar is taught by eliminating the inherent inefficiencies in traditional teaching methods.
- Streamlines teachers' workflows via an in-browser notation editor.
- Leverages Facebook and Google OAuth2 APIs for authentication.

Mesa, [Source](#) — Ruby, SQLite3

- A lightweight object-relational mapping in Ruby with the same core functionalities as ActiveRecord while using a fraction of the overhead.

EXPERIENCE

Nuts.com, Cranford, NJ — *Software Engineer*

DECEMBER 2016 - *present*

- Lead a company-wide project to overhaul the shipment exception process.
- Implement a product ancestry report for about 3,500 skus that helped the company achieve Safe Quality Food (SQF) certification.
- Maintain a warehouse management system that ships about 1 million packages yearly from 4 distribution centers across the United States.

Parsons Corporation, Perth Amboy, NJ — *Associate Engineer*

AUGUST 2015 - AUGUST 2016

- Led the largest internal technical webinar teaching 500+ employees how to automate tasks in VBA, reducing manual data processing company wide.

NASA, Golden, CO — *Research Assistant*

JUNE 2014 - AUGUST 2014

- Derived and programmed a mathematical model of tropospheric nitric acid evolution, which produced results within 10% of the measured values.

TECHNOLOGIES

Languages

Ruby, JavaScript, Typescript, Visual Basic, Python

Libraries & Frameworks

Rails, React, Redux, Recompose, Angular 2, Node.js, Bootstrap, RSpec, Minitest

Databases

MySQL, PostgreSQL, MongoDB

Services & APIs

Docker, Loggly, CircleCI, Codeship, AWS S3, Slack, YouTube, Google Analytics, OAuth2

Other

Git, Github, VBA, HTML5, CSS, Unix, Webpack, MATLAB

EDUCATION

University of Maryland,

Baltimore County, Baltimore
— B.S. Chemical Engineering
(MAY 2015) GPA 3.40

App Academy, New York City

— 1000-hr Full Stack Web Development Course with less than 3% acceptance rate (NOVEMBER 2016)