

Jared Johnson

Software engineer based in Jersey City

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EXPERIENCE

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

DECEMBER 2016 - *present*

- Led a project that transformed shipment exception handling, which reduced shipping costs by tens of thousands per year.
- Optimize unique operations instances of the traveling salesman problem.
- 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.

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.

TECHNOLOGIES

Languages

Ruby, JavaScript, Typescript

Libraries & Frameworks

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

Databases

MySQL, PostgreSQL,
MongoDB

Services & APIs

Docker, S3, ECS, EC2,
CloudWatch, Loggly, CircleCI,
Codeship, 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)