

Jared Johnson

Software engineer based in New York City

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EXPERIENCE

Google, New York City, NY — *Software Engineer*

July 2019 - Present

- Tech lead for a system that helps Googlers manage software on their devices.
- Identify and fix a critical stability issue for a binary execution control system used by 200,000+ Googlers ([source](#)).

Nuts.com, Jersey City, NJ — *Software Engineer*

DECEMBER 2016 - MAY 2019

- Led a project that transformed shipment exception handling, which reduced shipping costs by \$100K+ per year.
- Created a transition strategy to port a legacy codebase's view layer into VueJs.
- Implemented a product ancestry system for ~3,500 skus that helped the company achieve Safe Quality Food (SQF) certification.

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.

TECHNOLOGIES

Languages

JavaScript, Typescript, Java, Python, Go, Ruby

Libraries & Frameworks

Rails, React, Redux, Polymer, Vue, Angular 2, Bootstrap, Express, GraphQL

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
(NOVEMBER 2016)