Jared Johnson

Software engineer based in New York City

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EXPERIENCE

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

JULY 2019 - Present

• Google Vids

• Tech lead of an integrated device management system that streamlines administrative processes at Google.

• Code Next: teach high school students how to program using Swift, JavaScript, and React, each over 8 week programs.

• Led a team to fix a critical stability issue for a binary execution control system.

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

DECEMBER 2016 - MAY 2019

• Led a project that transformed shipment exception handling, which reduced shipping costs by ~$100,000 per year.

• Developed a strategic plan for transitioning a legacy codebase to Vue.js, modernizing the user interface and improving system performance.

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.

OPEN SOURCE PROJECTS

stringsync, live • source — Go, TypeScript, PostgreSQL, React

• Synchronizes video and music notation to enhance guitar teaching.

vexml, live • source — TypeScript, React

• Renders music notation responsively in a web browser.

musicxml, docs • source — Go, TypeScript

• Generates TypeScript code that serializes MusicXML documents.

TECHNOLOGIES

Languages
Go, JavaScript, Typescript, Java, Kotlin, Python, Ruby, Dart, Protobuf, Swift

Libraries & Frameworks
GraphQL, Boq, webapp2, Rails, React, Redux, Polymer, VueJs, Angular 2, Bootstrap, Express

Databases
Spanner, MySQL, PostgresQL, MongoDB, Datastore, DynamoDB

Services & APIs
AWS, GCP, Docker, S3, ECS, EC2, CloudWatch, Loggly, CircleCI, Codeship, Slack, YouTube, Google Analytics, OAuth2

Other
Git, Github, CodeCommit, VBA, HTML5, CSS, Unix, Webpack, Vite, MATLAB

EDUCATION

University of Maryland, Baltimore County, Baltimore — B.S. Chemical Engineering