

# FIZAL SARIF

## Software Engineer

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JAVASCRIPT | PYTHON | BASH | RAILS | REACT | SQL | RUBY | REACT-NATIVE | TYPESCRIPT

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## Experience

### New York Code + Design Academy | Developer

Sept, 2017 – Present

- Develop and maintain new features to <http://nycda.com> and the school's applicant and student portal.
- Create new tools to support the NYCDA team - automating time intensive tasks.
- Own the development and maintenance of the prerequisite course and the platform it lives on.

### New York Code + Design Academy | Teacher Assistant

Sept, 2016 – Sept, 2017

- Fill in for instructors at a moment's notice; keeping students focused and engaged in lessons.
- Collaborate with instructors to mentor students in JavaScript, Node, React, SQL, and software engineering practices.
- Compose curriculum material such as in-class workshops, instructor guides, and project boilerplates.

### HuddleUp Messaging | Engineering Intern

Nov, 2016 – July, 2017

- Owned the development of the company's main product website.
- Integrated Calabash Framework into the team's workflow for automated acceptance testing.
- Collaborated with the team's designer to build features for the main mobile app.
- Logged QA concerns to the development board, and track down regressive bugs.

### Freelance | Website Design & IT Consultant

Feb, 2012 – Aug, 2016

- Worked with small business clients to design and deploy their company websites.
- Assessed load-time performance and optimize SEO for existing websites

## Education

### General Assembly

May, 2016 – Aug, 2016

#### **Web Development Intensive**

Node, React, React Native, Ruby, Rails, SQL, NoSQL, Deployment, and UI Development.

### Inclusion

Mar, 2016 – April,

2016

#### **Web Design & Development**

Introduced to various concepts and tools like: Python, APIs, JQuery, Flask, and Git.

## Community Involvement

### Inclusion

Inclusion is a nonprofit that is focused on bringing tech to communities of color. Throughout my work there for the past 2 years I've had the opportunity to:

- mentor students.
- volunteer at events.
- plan web development lessons.
- create tools to aid their operation.

## Personal Projects

### NewScraper

[newscraper.surge.sh](http://newscraper.surge.sh)

Progressive Web App for reading news articles and blog posts from popular sources offline.

### **ReactJs + Firebase**

#### Inclusion App Grader

[fizal.me#inclusion](http://fizal.me#inclusion)

Single page application to help committee members collaboratively grade applications for Inclusion's classes. Saving them the need to hassle with emailing spreadsheets and printing hundreds of applications.

### **ReactJs + Firebase**

#### Nideca Inventory Manager

[fizal.me#nideca](http://fizal.me#nideca)

CRUD app to manage inventory for a small business. With a focus on being mobile friendly.

### **ReactJs + Express + MongoDB + Digital Ocean**

#### RGB Invaders

[fizal.me/rgb-invaders](http://fizal.me/rgb-invaders)

Putting a personal twist on the classic space invaders game I loved growing up. Mix red green and blue to match the goal color by shooting aliens.

**HTML + CSS + JS**