# Allison Colyer

Software Engineer. Educational Technologist. Curriculum Designer.

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## EXPERIENCE

### Novvum, Irvine, CA — *Software Engineer*

February 2019 - Current

Full stack developer for a software consulting agency using React, GraphQL, Node, and Javascript.

### Technovation, Los Angeles, CA — *Technical Curriculum Developer*

June 2014 - January 2019

Lead curriculum developer for a non-profit teaching technology and entrepreneurship to students ages 5-18. The programs have more than 23,000 participants from over 100 countries.

## PROJECTS

### Feelsbot - Personal Project  - www.feelsbot.me

Feelsbot is a machine learning experiment I created using React, GraphQL and IBM Watson. Feelsbot assesses emotional sentiment in Tweets and can calculate the mood of any city or of any Twitter user.

### How to GraphQL 2 - Novvum -  www.howtographql.com

I am the lead developer for How to GraphQL 2, which, when completed, will be an open source learning management platform built using Gatsby, GraphQL, and React. It will host technical tutorials about GraphQL and will be adapted to create other technical learning experiences.

### Spare - Hack for LA - www.whatcanyouspare.org

Spare is an open source software project built using React and Django. Its objective is to connect people in need of clothing and other essentials to people in their communities who have things to spare. As a member of the team, I helped QA the site and build the React front end.

### Technovation Curriculum - www.technovationchallenge.org

Technovation girls is a twelve-week coding entrepreneurship curriculum for middle and high school girls. I authored the curriculum, which has been translated into nine languages and is used by 20,000 students around the world each year.

## EDUCATION

### The Cooper Union
### New York, NY
### *B.E Chemical Engineering*

September 2011 - May 2015

Attended with a full-tuition scholarship.

Dean's List, Omega Chi Epsilon Chemical Engineering Honor Society, The National Society of Collegiate Scholars

## PROGRAMMING LANGUAGES

Javascript, Ruby,  MATLAB, HTML, CSS

## TOOLS AND FRAMEWORKS

React, Node, Rails, GraphQL, Excel

## SKILLS

Adobe Photoshop, Indesign & Illustrator
Solidworks & CAD
Microsoft Office Suite
COMSOL Multiphysics Modeling Software
Pro/II Process Simulation Software
SPARTAN Molecular Modeling Software