

Allison Colyer

Software Engineer. Educational Technologist. Curriculum Designer.

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EXPERIENCE

Novvum, Irvine, CA — Software Engineer

February 2019 - Current

Currently working as a software engineer building full stack web applications using React, GraphQL, Node, and Javascript.

Iridescent, Los Angeles, CA — Technical Curriculum Designer & Software Product Manager

June 2014 - January 2019

Lead curriculum designer for three international educational programs teaching technology and entrepreneurship to students ages 5-18. The programs have more than 23,000 participants from over 100 countries.

PROJECTS

How to GraphQL- Novvum

How to GraphQL is an open source learning management platform built using Gatsby, GraphQL, and React. It hosts technical tutorials about GraphQL and can be adapted to create other technical learning experiences.

Spare - Hack for LA

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.

Technovation Curriculum - Iridescent

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

Artificial Intelligence Family Challenge Curriculum- Iridescent

AI Family Challenge is a global artificial intelligence program for families. The curriculum leads elementary and middle school children through the process of creating an AI invention to solve a problem in their community. The program was launched in 2018, and the curriculum was used by 7,500 people in 20 countries.

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

Ruby, Javascript, MATLAB, HTML, CSS

SKILLS

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