Allison Colyer

Educational Technologist. Curriculum Designer. Engineer.

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EXPERIENCE

Iridescent, Los Angeles, CA — *Curriculum Designer*

June 2015 - PRESENT

I design curriculum for Iridescent's three flagship programs: Curiosity Machine, AI Family Challenge, and Technovation. I manage and develop the entire Technovation curriculum, and work as a product manager for the software team.

Iridescent, New York, NY — *Engineering Instructor*

June 2014 - June 2015

I developed and delivered engineering curriculum for children, high schoolers, and parents in the Bronx and in Queens. I also designed and implemented two summer camps for preschoolers.

PROJECTS

Technovation Curriculum – *Iridescent*

I developed both the structure and the content of a twelve week curriculum for middle and high school students participating in the global Technovation Challenge. The curriculum is split into five major categories: ideation, coding, business, marketing, and pitching.

Software Product Management – *Iridescent*

I organized the software development efforts to build an online platform for Technovation participants. I used the Scrum framework to prioritize necessary features throughout the Technovation calendar year.

Spare – *Hack for LA*

I helped create an open source software project called Spare that is written in Python and Javascript. The objective of Spare is to connect people in need of clothing and other essentials with people in their communities who have things to spare.

AI Family Challenge – *Iridescent*

I designed and developed the curriculum for the AI Family Challenge, which is a global technology 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.

EDUCATION

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

September 2011 - May 2015

Attended with a full tuition scholarship valued at $150,000

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

PROGRAMMING LANGUAGES

Ruby, MATLab, HTML, CSS, Javascript

SKILLS

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