



## educator & engineer

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I am an extremely **motivated** and hard working individual who gains immense satisfaction from challenging myself, wearing many hats, and making critical and tangible contributions. I have strong **leadership** skills with an excellent understanding of team dynamics. I am an effective communicator, a **fast** and dedicated **learner** and love solving challenging problems.

## Experience

### The Girls' Middle School

6th & 7th grade Computer Science Teacher  
08/2018 - current



Designed curriculum and taught 136 students. Students learned to code websites and basic components such as variables, conditionals & functions through Scratch, LEGO Mindstorms, HTML, CSS, Python and Flask.

### Google

developer

09/2017 - 08/2018



Revamped and launched a prototype debugger for search developers which involved redesigning and reimplementing fundamental processes, adding features and services in go, ts, polymer, spanner, scuba and tin.

### athenahealth

developer

2016 Summer Internship



Created API endpoints, an intermediary authentication server, and a mobile app to interface with athenaNet and securely upload documents and images using mobile devices.

### edX

undergraduate researcher

08/2015 - 05/2016



Analyzed user data using Google Bigquery & STATA to determine whether certain patterns of cheating in the MOOC environment actually led to increased learning gains.

### 1Room

chief technology officer

02/2015 - 04/2016



Managed a technical team in the development & testing of hardware & software used in classrooms in Africa in an innovative classroom design.

### MIT Hacking Medicine

organizing member

09/2014 - 10/2015



Orchestrated 200+ people hackathons which brings together a diverse population of professionals. Partnered with hospitals & companies.

## Education

### Massachusetts Institute of Technology

Bachelor's Degree in Computational Biology



Class of 2017

Areas of Focus: Web Development, UI/UX Design, Graphic Design, Systems, Education, Healthcare

## Awards

### MIT Ideas Global Challenge Winner

April 2015

« RARE: using technology to make education more accessible and affordable in developing nations »



### Pediatric Hackathon Grand Prize

October 2014

« Genetiscripts: using patient genomic data to enhance EMRs and prevent misdiagnoses »



## Projects

« live scorecard for redpoint climbing competitions: [www.livescorecard.herokuapp.com](http://www.livescorecard.herokuapp.com) »

« resources for students: [www.ruepark.github.io](http://www.ruepark.github.io) »

« informational website for family law firm which facilitates client intake: [www.andrewsfamilylaw.com](http://www.andrewsfamilylaw.com) »

## Skills

Java, Go  
Python, TS  
JS, SCSS, HTML  
SQL, MongoDB  
Angular, React  
Ionic/Cordova  
Node.js  
STATA  
Google Bigquery  
Sketch  
Photoshop  
Final Cut Pro