



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 »

« resources for students: www.ruepark.github.io »

« informational website for family law firm which facilitates client intake: 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