

# Kevin Sun

2 Cutler Farm Road, Lexington MA, 02421 | [kevinsun0@gmail.com](mailto:kevinsun0@gmail.com) | 781.392.6616 | [github.com/ksun0](https://github.com/ksun0)

## EDUCATION

### Phillips Academy, Andover MA

Sept/2014 - Jun/2018

- AP Calculus BC, AP CS, Multivariable Calculus, Linear Algebra, Machine Learning/Data Mining, Data Structures and Algorithms, Data Visualization, Open Source Movement

## WORK EXPERIENCE

### Robert S. Peabody Museum of Archaeology Notecard Project

Jan/2017 - present

- Digitize catalog cards using pre/post processing, Optical Character Recognition (OCR) techniques, and custom spell-checking algorithms
- Developed a Django web-platform for the museum staff to query their collections database
- Deployed within Andover intranet and actively used by museum staff and students

### Technology Intern at Kynplex, Cambridge MA

Jun/2017 - Aug/2017

- Joined a startup team to bring scientific news and labs together in an online community
- Gathered user data into Pandas data frames, applied NLP and Machine Learning techniques (SVM, Random Forest, etc.)
- Created models to extract keywords from articles and deliver customized content to users

### Data Visualization Portfolio

Sept/2017 - Dec/2017

- Solar Map project (solar radiation at various coordinates in MA), Clustering Visualization, and Airline Reputation Predictor (using Naive Bayes Twitter sentiment analyzer) hosted on [Github](https://github.com)

### NameVault

Jan/2017 - Jun/2017

- Developed a Django webapp and advertised via Reddit to test market: [namevault.io](https://namevault.io)
- Search for video game username availability across multiple servers and track them to get notified when available
- Integrated with League of Legends, Minecraft, Runescape, and Maplestory video game APIs

## LEADERSHIP EXPERIENCE

### Co-Founder, Hack New England High Schools

Oct/2016, Nov/2017

- Organized 12-hour hackathon for 250 participants from 40+ high schools, acquired 10+ corporate sponsors including Facebook and Akamai, raised \$10k+
- Managed various logistics: website design ([hacknehs.com](https://hacknehs.com)), marketing, mentors and judges, prizes, and acquiring a venue at Microsoft Burlington
- Delivered [TED talk](#) about the experience, featured in local news: [hacknehs.com/#news](https://hacknehs.com/#news)

### Co-Founder, Startup Andover Entrepreneurship Club

Sept/2016 - present

- Led three student teams through learning entrepreneurial topics and programming skills
- Student Champion for MIT Launch program (weekly Skype meetings) and pitch competition
- Organized local [Andover Clean Energy Hackathon](#)

## HONORS AND AWARDS

- American Invitational Mathematics Examination (AIME) Qualifier, 2014, 2015
- Silver Division Member in USA Computing Olympiad (USACO), 2016
- Won Abbot Grant (\$800) from Abbot Academy Association for [SchoolGround](#) MVP product to expand within my school, allowing students to create online study groups

## SKILLS AND INTERESTS

**Technical:** Python, Java, C++, JavaScript, Full Stack Developer (Django, RoR), Git, Matlab, D3.js, Arduino

**Hobbies:** Avid Tennis, Squash, and Ping-Pong Player, Ultimate Frisbee, Amateur Pianist, Amateur Chef