



## Michael Cantow

### Email

mcantow@mit.edu

### Cell

- (551) 200-1871

### LinkedIn

- [linkedin.com/in/mcantow/](https://www.linkedin.com/in/mcantow/)

### Address

- 80 Seminary Drive Mahwah, New Jersey 07430

### Organizations

- MIT Football
- Delta Kappa Epsilon

### Volunteer Service

- NJ Department of Youth and Family Services
- Little Ferry Police Department

### Skills

- Python
- C++
- SQL
- LaTeX
- Machine Learning
- IOT

# Michael R Cantow

## Engineering Student Athlete

**About Me** As a football player at MIT, I am unique in my diverse and adaptable skill set. I approach challenges with the logic of a computer scientist and the determination of an athlete. I have strong communication skills and enjoy working in a team environment.

## Education

### 2018 - 2023, Massachusetts Institute of Technology

- M.Eng in Electrical Engineering and Computer Science, Concentration in Artificial Intelligence
- B.S. Electrical Engineering and Computer Science (6-2). Minor in Math (18) and Concentration in Economics (14) GPA: 4.7/5

### 2014 - 2018, Mahwah High School

- Inducted into academic hall of fame. GPA: 101.2/100 ACT: 34

## Experience

### June 2021 - August 2021, Associate, Teamworthy Ventures

- Teamworthy is a VC firm striving to invest in great teams and be worthy partners. I worked on prospecting new investment opportunities, evaluating opportunities through calls and research, and creating value for portfolio companies by working on projects.

### February 2020 - September 2020, Machine Learning Researcher, Kavli Institute for Astrophysics and Space Research

- TESS Image Classification
  - Research project seeking to discover transient objects in space which include: Rapidly-Rising Supernovae, Tidal Disruptions of Stars by Supermassive Black Holes, Exoplanets
  - Challenged with small labeled dataset- trained a CNN through semi-supervised adversarial learning. Received \$25,000 in funding from NASA to launch project, research paper in progress
- NICER Health Monitoring
  - Research project seeking to build a general mathematical model to monitor health of spacecraft through association rule mining
  - Developed a time series clustering algorithm

### May 2019 - August 2019, Vocal Data Scientist, Jerrick Media

- Data Science internship to identify individuals likely to buy Vocal's premium product, built a database of over 20,000 individuals

## Honors and Awards

### 2019, Published in Angles Magazine

Published for autobiographical piece

### 2017, NJ Seal of Biliteracy in English and Spanish

### 2017, National Merit Commended Scholar

Also member of National Honor Society and Spanish Honor Society

### 2017, 50 High School Seniors to Watch

Recognized for achievements in article by northjersey.com