

# Miles A. Turpin

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## Education

### Duke University

Durham, North Carolina

B.S. IN DATA SCIENCE, B.A. IN MATHEMATICS, MINOR IN PHILOSOPHY

expected May 2020

- Relevant coursework: Introduction to Artificial Intelligence, Introduction to Databases, Introduction to Data Science, Design and Analysis of Algorithms, Algorithms and Data Structures, Discrete Math for Computer Science, Advanced Introduction to Probability, Linear Algebra, Multivariable Calculus, Complex Systems (MIT)
- GPA: 3.1

### New Canaan High School (NCHS)

New Canaan, Connecticut

HIGH HONORS

June 2016

- GPA: 95.12/101.83 (academic unweighted / academic weighted)
- SAT: 780 Reading, 800 Math, 750 Writing

## Skills

**Programming** Python, scikit-learn, R, PostgreSQL, XML, XQuery, Java, Scheme, Git, Tableau, functional programming

## Leadership Experience

### Effective Altruism: Duke

Duke University

EXECUTIVE MEMBER

Spring 2017 - PRESENT

- Bring together students who are driven by the desire to maximize social good with time and money
- This semester I am spearheading the creation of a fellowship to close the information gap between current and new members, as well as to engage students of different disciplines with the ideas of Effective Altruism
- Last semester, I helped get 9 people to take the Giving What We Can pledge (donating 10% of future income to effective charities)

### Philosophy Society

Duke University

EXECUTIVE MEMBER

Spring 2017 - PRESENT

- In Spring 2017, I organized a discussion between two prominent Duke philosophers on the existence of God, attended by 100+ students

## Projects

### American Statistical Association DataFest

Duke University

PARTICIPANT

April 2018

- Used data on job postings from Indeed to identify industry hotspots across US metropolitan areas; see Github
- Created an interactive visualization with Tableau to explore by city, industry, or region

## Honors & Awards

2018 **American Statistical Association DataFest Winner**

Duke University

2016 **The Richard P. Bond Award** "To the student that has had the greatest positive impact on NCHS"

NCHS

2016 **Fairfield County Association of Secondary Schools Principal's Scholar Leader Awards**

NCHS

2016 **Norman Ricker Award** "The award recognizes creativity in the field of Mathematics"

NCHS

2015 **National Merit Finalist**

2015 **Princeton Book Award** "To a junior, who demonstrates creativity of mind and vitality of spirit"

NCHS

## Activities

### Duke Triathlon Club

Duke University

MEMBER

Fall 2016 - PRESENT

- Completed an Ironman 70.3 in Patagonia in March 2018

### Jazz piano and electronic music composition