

Brian Ayers

MD/MBA Student - University of Rochester

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Education

University of Rochester Medical School (Rochester, NY)

Expected Graduation: May 2019

Simon Business School (Rochester, NY)

Expected Graduation: May 2016

Middlebury College (Middlebury, VT)

Graduated: May 2014

GPA: 3.80, Summa Cum Laude

St. Mark's School (Southborough, MA)

Graduated: May 2010

GPA: High Honors, Cum Laude Society

Work Experience

Founder and CEO of Clothing Company

Founded, Winter 2011

Founded custom clothing business and have since expanded to a separate clothing line and lifestyle brand (www.goodeesclothing.com)

Bioinformatics Laboratory Research Technician

Ward Lab, Middlebury College | Summer 2014

Performed analysis of next-gen sequencing datasets to identify gene differentiation, alternative splicing, and novel transcripts.

Researcher in Biochemistry and Molecular Pharmacology Department

Han Lab, UMass Medical School | Summer 2013

Conducted research on the cytotoxicity and functionalization of upconverting and gold nanoparticles.

Clinical Research Assistant in the Emergency Department

UMass Medical School | Summer 2012

Gathered data on tobacco use among emergency room patients for clinical studies. Spoke with patients directly.

Cell Biology Summer Researcher

Fanning Lab, UMass Medical School | Summer 2011

Extracted and measured levels of various miRNA in arthritic hip and knee cartilage taken from total joint replacement patients.

Waterfront Staff, Blue Water Manor

Lake George, NY | Summer 2010

Responsibilities included teaching and driving guests water skiing, as well as maintenance of docks, boats and equipment.

Volunteer Experience

Patrick Wiese Foundation Board of Directors– *Syracuse, NY* | January 2014

Assisted best friend in starting a foundation after he was diagnosed with osteosarcoma bone cancer. Sit on the Board of Directors – responsible for building and maintaining website, as well as all online registrations for foundation events.

Lacrosse The Nations – *Managua, Nicaragua* | January 2014

Worked with LTN to teach life values and lessons to children through sports. (1 week)

Common Hope - *Antigua, Guatemala* | January 2013

Volunteered in a health clinic, worked construction and taught health education to children in afterschool programs. (1 month)

Volunteer at the Open Door Clinic – *Middlebury, VT* | Fall 2012 – Spring 2013

Assisted uninsured Vermont residents apply for health insurance. (weekly)

Orphanage Outreach Teach Corps – *Dominican Republic* | March 2009

Taught English to grades 1-3 in school and helped build a dining hall for an orphanage. (1 week)

Honors and Awards

Middlebury College

College Scholar (Spring 2011, 2013, 2014; Fall 2011, 2012, 2013, 2014)

NEILA Academic All-Region Team (2014)

NESCAC All-Academic Team (2012, 2013, 2014)

NEILA East/West All-Star (2014)

Baggataway Award Recipient (2014)

Voted on by members of the lacrosse team for leadership and spirit.

St. Mark's School

Charter Communications Scholar-Athlete of the Year for Central New England (2010)

Academic All-American (Lacrosse, 2010)

1st Team All-New England (Football, 2010)

All-League Team (Football, 2009; Lacrosse, 2008, 2009, 2010)

Fearing Prize (2010)

"Awarded to graduating senior who best combines athletic ability with good spirit, good team play, and good sportsmanship"

Other Activities

Middlebury College

Varsity Lacrosse (4 years)

Intramural Football & Basketball (4 years)

Globe Med Middlebury Chapter Member (3 years)

Middlebury Entrepreneurs (4 years)

St. Mark's School

President of Student Athletic Council

4 Letters Varsity Lacrosse

3 Letters Varsity Basketball

2 Letters Varsity Football

2 Letters Varsity Cross Country

Relevant Coursework

Science Related

General Chemistry I, II (103, 104)
Organic Chemistry I (241)
Organic Chemistry II (242)
Newtonian Physics (109)
Electromagnetism (110)
Cell Biology (145)
Ecology and Evolution (140)
Medicinal Chemistry (301)
Biochemistry (322)
Biochemistry Super Lab (312)
Biochemistry of Metabolism (425)
Senior Thesis in Chemistry (701)

Computer Science

The Computing Age (101)
Math Foundations of Computing (200)
Data Structures (201)
Computer Architecture (202)
Software Development (312)
Machine Learning (451)
Advanced Independent Study (500)

Economics

Intro to Macroeconomics (150)
Intro to Microeconomics (155)
Health Economics & Policy (200)
Economics of Investing (205)