Andrew Savage

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EDUCATION

Tufts University — Medford, MA
Bachelor of Science in Computer Science — Expected May 2019
Bachelor of Arts in Mathematics — Expected May 2019
GPA: 3.79/4.00
Related Courses: Algorithms, Computation Theory, Intro to Machine Learning, Statistics, Machine Structure and Programming, Probability, Intro to Cognitive Brain Science, Data Structures, Discrete Mathematics, Linear Algebra

COMPUTER EXPERTISE

Development: Experience with Java, C++, C, HTML5, CSS, Python, SQL, Javascript
Software: Experience with github, unix, linux, emacs, eclipse, xcode, Microsoft Word, Excel

WORK

Data Analyst for Tufts Economics Group — Medford, MA
- Transform raw data of countries into useful information to calculate the Lorenz curve for the country — April 2017 – Present

Tufts University Calculus I Grader — Medford, MA
- Preside over the everyday assignments of Calculus I students and assist them in their understanding of the course material — September 2016 – December 2016

Stamford Yacht Club Junior Sailing Instructor — Stamford, CT
- Coached competitive Laser and 420 racing — June 2015 – August 2016
- Coordinated the attending of various regattas (i.e. registration, scheduling, transportation)
- Worked with other sailing instructors to facilitate the sailors' learning
- Performed ample boat maintenance to make sure all boats were race-ready

King Low-Heywood Thomas School AP Calculus BC Teaching Assistant — Stamford, CT
- Furthered students' critical thinking by guiding them through challenging problems — January 2015 – May 2015
- Aided the professor in grading tests and quizzes, analyzing the work of the students in the process
- Collaborated with the professor to teach specific topics from the curriculum

Math Tutor — Stamford, CT
- Assisted middle and high school students with varying levels of math — January 2015 – June 2015
- Promoted reflection of each problem and the methods used to solve them

Northern Lake George Yacht Club Sailing Instructor — Hague, NY
- Fostered a positive attitude towards sailing for campers — June 2012 – August 2014
- Developed campers' skills and good sportsmanship

ACHIEVEMENTS

University: Dean's List all semesters, Scored 11 on Putnam Exam 2015
High School: Math team regional high scorer (76/108 points), Cum Laude

LEADERSHIP & ACTIVITIES

Tufts Society for Industrial and Applied Mathematics — April 2017 – Present
- Secretary for the Tufts SIAM chapter

Tufts University Sailing Team — September 2015 – Present
- Division 1 Varsity Athlete

Tufts IDHack Participant — April 2017
- Developed a website with a single partner that models water pipe layouts for developing cities
- Performed image analysis, line fitting, and distance minimization with the help of only basic packages
- Honorable mention for innovative design

Tufts Polyhack Participant — October 2016
- Created a cross-platform racing game using C++
- Coded the map generation algorithm and reading in user input on Linux systems

Stamford Schools Sailing Team — February 2012 – May 2015
- Captain 2014 – 2015
- Organized and ran multiple practices
- Fostered a positive team dynamic where everyone could offer constructive criticism

SKILLS & INTERESTS

Skills: Collaborating Effectively on Projects
Interests: Solving Math Brain Teasers, Cooking, Reading Philosophy, Playing Poker, Ceramics