

Liam Fahey

Freshman Aerospace Engineering Major

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Objective

To obtain an internship.

Academics

Cumulative High School GPA:4.68

Completed 13 Advanced Placement Courses and Multivariable Calculus

Courses

Multivariable Calculus and Matrix Algebra

- Able to apply multi-dimensional calculus principles and solve linear algebra problems

Modeling Analysis of Uncertainty

- This class discussed how to perform statistical analysis and use the software Minitab 17

Activities

Rensselaer Rocket Society (September 2016-present)

- Currently working on an interdisciplinary design project with 5 other engineers to create a rocket payload that measures the effects of liquid sloshing

Brown University Pre-College Program (July 14-21, 2014)

- Attended a week long class on simple electrical devices, such as AC motors

Future Business Leaders of America (September 2012-June 2016)

- Placed in competitions by taking tests on business law and finance

Leadership

Track-Captain (November 2015-May 2016)

- West Essex High School track team member: competed in both winter and spring seasons
- Grades 9,10,11,12 - 18+ hours per week

Boy Scouts of America-Eagle Scout and Assistant Scoutmaster (September 2008-Present)

- Earned 36 badges, rank of Eagle Scout, three palms, and was inducted into the Order of the Arrow
- Year-long Assistant Scoutmaster

Honors and Recognitions

Rensselaer Medalist Award (September 2016)

Kiwanis Scholarship for community service (May 2016)

University of Virginia Book Award (May 2015)

Rho Kappa Social Studies Honor Society (November 2014)

Latin Honor Society (May 2013)

National Honor Society (April 2015)

National Merit Commended Scholar (2015)

AP Scholar with Distinction (July 2015)

High Honor Roll