

Nothing in all the world is comparable to reading Ayn Rand beneath New York's skyline or to studying Nietzsche atop a mountain summit.

Since childhood, the studies of philosophy and science have interested me profoundly. Having read many books on relativity, quantum mechanics, existentialism, religion, capitalism, democracy and post-Aristotelian philosophy, my quest for knowledge has only intensified. Certainly, the purpose of my life is to discover a greater understanding of the universe and its people. Specifically, I plan to better grasp the interrelationship among forces, matter, space, and time. In addition, I hope to find a unified field theory and a convincing explanation for the birth of the universe.

During the summer of tenth grade, I took a number theory course at Johns Hopkins University with students from Alaska, California, and Bogota, Colombia. My attendance of the New Jersey Governor's School in the Sciences is another accomplishment that exemplifies my dedication to knowledge. During the summer following eleventh grade, I took courses in molecular orbital theory, special relativity, cognitive psychology, and I participated in an astrophysics research project. For my independent research project, I used a telescope to find the angular velocity of Pluto. With the angular velocity determined, I used Einstein's field equations and Kepler's laws to place an upper bound on the magnitude of the cosmological constant, which describes the curvature of space and the rate of the universe's expansion.

In addition to learning science, I recently lectured physics classes on special relativity at the request of my physics teacher. After lecturing one class for 45 minutes, one student bought many books on both general and special relativity to read during his study hall. Inspiring other students to search for knowledge kindles my own quest to understand the world and the people around me.

Also, as president of the National Honor Society, I tutor students with difficulties in various subject areas. Moreover, I am ranked number one in my class, and I am the leading member of the Math Team, the Academic Team, and the Model Congress Team. In the area

of leadership, I have recently received the Rotary Youth Leadership Award from a local rotary club and have been asked to attend the National Youth Leadership Forum on Law and the Constitution in Washington D.C. Currently enrolled in Spanish 6, I am a member of both the Spanish Club and the Spanish Honor Society.

As student council president, I have begun a biweekly publication of student council activities and opinions. Also, the executive board under my direction has opened the school store for the first time in nearly a decade and is finding speakers to speak at a series of colloquia on topics ranging from physics to politics. Directing fund raisers and charity drives also consumes much of my time. For instance, I recently organized a charity drive that netted about \$1,500 for the family of a local girl in need of a heart transplant.

Consistent with my love of freedom and my belief in democracy, which is best summarized by Hayek's Road to Serfdom, I have recently initiated an application to become the liaison to the local board of education. Also, in keeping with my belief that individuals develop strong principles and ideology, I teach Sunday school three months a year and have chaperoned for a local Christian school.

Outside pure academics and leadership roles, I lift weights five times a week for an hour each day. In addition, I play singles for my school's varsity tennis team. Because I find extraordinary satisfaction in nature and have dedicated my life to its understanding, I enjoy mountain climbing. Among the notable peaks I have reached are Mt. Washington, Mt. Jefferson, Mt. Madison, Mt. Marcy and Mt. Katahdin. Unquestionably, my life's aim is to dramatically raise the height of the mountain of knowledge so that my successors may have a more accurate view of the universe around them.