Admissions, MIT Advanced Study Program,

I am very enthusiastic about applying to MIT’s Advanced Study Program. My intended area of concentration would be computational economics.

As my resume shows, I have significant experience in computer science; in my undergraduate education, my graduate work, and in my employment. In addition, I have always had a strong interest in economics. While at Olin College, I took both micro and macro economics via cross registration at Wellesley College, and even tried to pursue a minor in economics, although Olin was not able to accommodate this. I greatly enjoyed these economics courses, especially macroeconomics, where policy and politics come into play.

I have spent the last four years working at Raytheon BBN Technologies. I work with a small team making modeling and simulation logistics software for a variety of defense organizations including US Transportation Command, the Air Force Research Lab, and the OSD-CAPE (part of the pentagon).

The unifying aspects behind these modeling tools was their deep technical complexity and the importance that domain knowledge had in their creation. I realized that one of the most enjoyable aspects of my job was my learning and then utilization of the logistics domain; similarly, I look forward to applying these same skills towards the learning and utilization of economics, specifically that of agent based, and behavior modeling.

It is my hope that MIT’s Advanced Study Program can help me gain the economic skills to complement my computer science skills to pursue such fascinating work.