I am passionate about technology and in enhancing the environment to improve lives. Landing at decisions and policies further supported on evidence can enhance this zeal and would aid me to accomplish my self-actualization goals. Initially, the illustrations at the bottom of the pyramid by Prof. Prahalad galvanized me to witness tremendous power in the developing world. Later, I completed a course on 'The challenges of the Global Poverty' by Prof. Esther Duflo and Prof. Abhijit Banerjee. I would continue 'Data, Economics and Development Policy' micromasters and complete it by this September as these would serve as a foundation for my next big leap at EPIC.

In developing and underdeveloped societies in the Indian subcontinent and elsewhere, energy is an intangible force that enables egalitarian society and opens more opportunities and ultimately would preclude most social crimes. Creating an efficient energy policy requires the marriage of technology and economics. Relying on the strengths of the economist, I concentrated on the former to understand the processes that affect energy and the environment. After all, protecting the mother earth who protects us makes me - a superhero.

I elected Civil engineering as my major in college but was equally curious on how economics plays a significant role in everyone's lives. The school of engineering gave me ample opportunity to explore other disciplines and helped me to forge lasting relationships with enablers, makers, and seekers. Courses on Remote sensing, Advanced environmental engineering, Fuels and combustion aided me to see details behind the tradeoffs in energy policies. Interest in these areas enabled me to succeed and conduct empirical research on these subjects.

Early in this decade, there was a surge in energy consumption levels of my state. However, a local village government in the neighborhood became independent of the state grid by relying on a combination of decentralized energy production techniques. In the project, we pictured the political-economic analysis on the utilization of non-renewable energy mechanisms at local governments through cooperative games. Similarly, we discerned that most modern cities have clogged the natural drainage channels which motivated us to design nominal rainwater drainage for a circuit. Due to information asymmetries the design could not scale which reiterated the notion that effective inclusion of policies aided with technology is the solution of the hour.

At Infosys, I became acquainted with large system architectures that augmented my perception that technology can transform any institution into a set of a software. As a part of the quality assurance team of a bank, we ensured that the organization's liquidity is in accord with the Basel standards and the bank remains stable despite all odds. Along with liquidity, I focused on several workflows in capital markets, finance and treasury which further stimulated my interest in macroeconomics.

Born and raised in a state known for good governance, I was curious on how lawmakers and bureaucrats delicately balance between social welfare and economic growth. Analysis of the policies and the instruments led me to understand the principles of ethics and complexities in their rational decisions. I find this research opportunity would prepare me to preserve the efforts of perseverance of the populace and the planet. In this venture, I hope to contribute markedly to every life on this planet.

Inclination for statistics coupled with experiences in R and python would support managing the rigor required in this role, skills obtained from reinforcement learning would encourage me in simulating complex energy scenarios. Earlier I had applied for the masters in public affairs at WWS and I anticipate this research specialist role would prepare me for the journey to STEP programme at WWS and similar programs elsewhere.

The learnings from JPAL's policy evaluation through randomization and quasi experimental methods could significantly influence my day to day activities at EPIC. The hands on approach of Econometrics in the Developmental Economics and Data analysis for social scientists courses would enable me to identify the causal relation and in conducting extensive research at EPIC. Moreover, this opportunity could mitigate any shortcomings and I have strong reasons to perform well in this role to achieve my ambitions towards making a better earth. :-)

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*** Sample code can be found in the GitHub repo marked in resume and I am eager to join from September.**

*** Writing sample is a sample policy memo, research methodologies are availed at GitHub.**

*** Consider the score in Mathematics for economists course (completed by September'19).**