**Georgia Tech Draft Ravi**

*Why do you want to study your chosen major specifically at Georgia Tech?*

*Pollution, Energy, and Traffic; welcome to my world of thoughts.*

As I wait at the red light, I see lines of vehicles that concerned me about the endless cycle of carbon-monoxide being emitted to the already polluted Jakarta sky. Pollution has made this city desperate for change.

*What can I do to make the Jakarta better?*

This is when I discovered Environmental Engineering. The study of water systems, fuel efficiency, and clean energy have given me a purpose. Students from this field are embraced on how to improve sustainability by innovation, which includes rethinking the way we manage our environmental resources. Therefore, pondering about making renewable energy more accessible dominates my mind.

Georgia Tech believes in doing more by being at the forefront of innovation and research: design, create, and market innovative products. Studying at Tech will put me on the right track on contributing to the latest technological advancements in environmental sustainability.

Why am I so sure about that?

One word: *Freedom*. Tech encourages students to freely pursue and attain hands-on experience in innovating and marketing the products of *tomorrow*. Tech’s Coda that nurtures not only the power of research, but also collaboration with different outlets excites me to grow with fellow *Jackets* and other professionals in the field by combining entrepreneurship and advanced engineering research. The Brook Byers Institute for Sustainable Systems’ research in the removal of Nitrogen Oxide with SCR in coal-fired power plants has also caught my attention as its motivation is aligned with my aim to improve Jakarta’s (and perhaps the world’s most polluted countries’) clean air.

My aim is to contribute in the forefront of engineering innovation, develop affordable and sustainable renewable energy products, and, eventually, defeat pollution. At Tech, I felt right at home with fellow *Jackets* innovators and entrepreneurs implementing novel methods to make this world a better and cleaner environment.