

Eric Saroff Espinosa Fast Track Biography

Eric Sarnoff Espinosa is a first year Electrical Engineering student in the Fast Track Program. He grew up in Escondido, California, but spent most of his summers in Guadalajara, Mexico with his mom's family. As a result he is fluent in both english and spanish. Eric attended San Pasqual High School and was heavily interested in science and math. Since his dad is an electrical engineer and he was raised in a small start up, so engineering has always felt like the right fit.

From an early age, Eric had a passion for renewable energy and creating solutions to climate change. This passion stemmed from a love of outdoor sports, from rock climbing to backpacking. Keeping this passion in mind, he decided to pursue electrical engineering because he felt it was the most versatile engineering field that would give him the ability to work with renewable energy. This decision was then solidified by the job he held in high school. He worked for a company that builds appliances for sailboats. The main product is a reverse osmosis water filtration system that turns salt water into freshwater. One of the best experiences he had while working there was helping to design and then improve a timing system that turned on the system for 10 minutes every few days to keep the system's membrane from corroding due to long term exposure to salt water. Working on this system helped him to see the process of constant improvement and opened his eyes to product design.

Outside of school and engineering, Eric was on varsity cross country and track. He has also been an avid rock climber for about ten years. He has summited both Mt. Whitney and Mt. Shasta. He is currently working on summiting Pico de Orizaba in Mexico.