Tell us about your plans after Flatiron School. What do you hope to be achieving one year after graduation? \*

On graduation from the Flatiron School, I want to gain employment with companies dealing with robotics, biomechanical research, or a combination of both. My undergraduate and previous experience dealt with studying flight patterns of animal behaviors, which is a particular interest of mine. So, I’d like to apply my previous experience and knowledge to projects that deal with analyzing data from different animal protocols to imitate their mechanisms in order to create more efficient, smaller, and faster aerial vehicles or robotic constructs.

How might you use code to make the world a better place? \*

Code and computers in general are making our lives better and easier in more ways than the majority of people realize. I’d like to apply coding, and data science to help address problems from my own experiences, within current biomechanical research. Some of the issues that I experienced in this field are the data gathering in a non-laboratory setting, and the data analysis process. I hope that in the future my code could help create more robust and larger data sets and databases that will allow scientists to glean insight on more than few specimens at a time through cross analysis. Further, I'd hope that the code I produce would help mechanize the data analysis process, which at this time is done manually for the most part.

How will the Flatiron community benefit from having you as a member? \*

First and foremost, I’m a new immigrant to the United States having only recently procured my green card. The United States was founded by immigrants, each bringing their own perspective, culture, and different world view. I believe that the Flatiron community will benefit from my different world view, culture, and way of looking at things as well. Diversity, I believe, brings to the table different experiences that help create a more cohesive and stronger team. Additionally, working in teams towards common goals is not a foreign concept to me. I enjoy working with people and partnering on problems and hope that this mindset can help strengthen the community.

Anything else you'd like us to know?\*

In late 2017, I graduated Magna cum laude from Tel Aviv University with a BSc in Biology. Immediately after my graduation my wife and I started the long and tedious immigration process. Through all of these processes and hardships I found that I wanted to continue on the path I started in University, but from a more technological aspect. Tel Aviv, often called the ‘Silicon Valley of the Middle East’, provided a lot of opportunities to learn and discover the world through code and apply it to my interests, in particular Biomechanics. In order to make the world a better place, I feel like data and coding must be used to help us study how the world around us functions and help make a difference in the human condition.