

Victoria Molitor
Summer 2022
Research Associate Intern

My name is Victoria Molitor and I recently graduated from Tufts University with a degree in Environmental Engineering and Economics. I will be returning to Tufts to pursue my MS in Data Science this fall. I have interned at SEA for the past three months and have had a fantastic experience rapidly expanding my knowledge of the renewable energy sector!

I found SEA through the Massachusetts Clean Energy Center. The role aligned with my interest in clean energy as well as my desire to combine and improve my qualitative and quantitative skills from my undergraduate degree. Through the interview process, I was able to speak with many different SEAs and knew quickly that this was a team of people I wanted to join.

From the start of my time at SEA, I was able to focus on learning and absorbing as much as I could. During my first week at SEA, I was able to engage in a series of meetings with senior leadership to learn about the various aspects of SEA's work. These conversations gave me a great foundation to work with for the rest of the summer and opened the door for me to ask further questions on each topic. Each day at SEA, I learned more about different aspects of the renewable energy sector through my work and day-to-day conversations with other SEAs. My time at SEA has allowed me to develop a knowledge base that I can continue to build and expand on. In conversations with SEA's president Bob Grace, we discussed the many applications of data science to the renewable energy sector. These conversations have helped to inform my courses and areas of focus as I begin my Masters' degree while I work to combine my interests and background in renewable energy, economics, and data science.

One of my primary tasks was working with Erin and Po-Yu on the New England Renewable Energy Market Outlook (NE-REMO). My work focused on extending the model from 2040 to 2060. I also worked with Raghu and Sahil to write code to automate the downloads of NYISO and ICE Futures data used in NY-REMO. I worked to streamline existing code and develop new code to download, QC, and format data. I was also pulled in on some additional tasks throughout the summer, including helping Tom with Community Solar background research and researching battery storage incentives in Connecticut.

SEA has been a great place to quickly build up my knowledge of the renewable energy industry. The people at SEA are extremely knowledgeable and are always willing to help. SEAs at every level took the time to ensure I had a solid understanding of anything I was working on. Everyone at SEA is so passionate about the work they do, which makes coming into the office each day exciting and fun. I am very grateful for the time I have spent at SEA and know that the skills and knowledge I have gained during my time here will allow me to continue working towards a career in the renewable energy sector!