John Wang '26

Software Engineering Internship at the Air Force Research Laboratory
Summer 2023

In the summer of 2023, I interned at the Air Force Research Laboratory as a Software Engineer Intern within the Space Vehicles Directorate in Albuquerque, NM. My work included engineering a graphical software tool using Python and Tkinter, which would improve data management for thermal engineers. I integrated spacecraft data extraction and visualization features utilizing Pandas, which reduced data analysis times. Additionally, I developed data analysis scripts for spacecraft materials using Pandas and Sklearn. This experience was informative and enriching, enhancing my technical skills and deepening my understanding of software engineering in the aerospace sector.