Vinay Pedapati will be completing a year of research at the University of PIttsburgh. He will be working on an intraoperative neurophysiological monitoring project. He will be starting on June 15, 2021 and continue until August 15, 2022. He will be working from 9-5 on weekdays, totaling to 40 hours/week. His activities will include utilizing machine learning algorithms to analyze ECG data and collecting data from patients who have undergone microvascular decompression surgery.