Billy Dempsey Jr. entered the TRIO Talent Search (TS) program in 2003 as a seventh grader attending Holy Savior Catholic Academy in Wichita, KS. Since Holy Savior was not a TS target school, the program selected him on a walk-in basis. The parochial school is situated in a predominantly low-income African American neighborhood.

In 2008, Dempsey graduated from Kapaun Mt. Carmel High School and entered Wichita State that same year. He majored in computer science, and worked as a tutor for TS tutoring math and other subjects to middle school students. During this time, he gained valuable experience being an IT specialist for the Kids Training Team at WSU.

In 2015, Dempsey graduated from WSU and became an application support analyst for INVISTA-Koch Industries. In this role, he provides systems analysis support to private