



Hi my name is Ekdatha Arramreddy, but I just go by Datha. I'm a senior from San Francisco, California. Some of my hobbies are rock climbing, snowboarding, and cooking. I also enjoy watching sports and have played basketball for most of my life. A project that I have been working on that I enjoy is developing a game platform for the psychology research lab that I am a part of. Some of the work that I have done is integrating a database for data collection and developing bots that play the games based off of different psychological/mathematical models that take in count risk aversion, care for others and other factors. The goal of the platform is to put participants in different circumstances and see which situations are most conducive to cooperation. In this class, I'm hoping to learn more about search algorithms, indexing techniques, and relevance ranking. I'm particularly interested in exploring how search engines efficiently retrieve and organize vast amounts of data. Additionally, I look forward to working on practical applications like recommendation systems.