

In search of a project I can work on to fulfill my boredom, I pondered to myself what I should work on. I first asked myself, "What can I make that can have a meaningful effect?". Later the same day, I walked down the hallway of my school in the sea of students and saw a glimpse of a poster on the bulletin promoting wellness and it hit me. I noticed one major issue in our school and high schools in general: boredom. Short attention spans combined with apathy toward certain subjects on top of short break periods, there was not enough time and activities for leisure. A solution that I thought of combined my passion for games and eagerness to help others through a platform where people can relieve stress. As an avid gamer, I personally had always found gaming as a way for me to vent the stress I had built up and being able to provide the same experience for others would mean so much for me. Already familiar with coding from previous experience such as making Java games using a graphics API as well as AP Computer Science, I decided to make a website where I can post games that I created. In order to make a website, I had to be proficient in three essential coding languages for websites: HTML, CSS, and Javascript. Javascript wasn't an issue because I was already proficient in Java and the only thing I needed to learn was the syntax, an easy task once familiar with coding. I then searched tutorials for HTML and CSS for basic website building and found guides on w3schools, tutorialspoint, and various youtube channels explaining in detail the essential elements to a website and how to code them using HTML and CSS. My initial searches sparked a ravenous hunt for more knowledge of those coding languages. Search after search, I absorbed all the information I saw and found myself a new hobby which would later turn into a passion. In the span of two weeks, I had all the prerequisite knowledge for a website in terms of the frontend for websites. The next step to build my website was to have a plan. With a blank file and blank sheet of paper for brainstorming, the first thing I noticed was "What games should I make?". Instantly, I recalled a moment when I played simple mobile games and I knew that was where I should start. One after another, I began adding games to my website and admittedly I had my downfalls, but I quickly learned from them and improved slowly but surely. My experience from researching taught me that the same things apply to my future career in which I want to pursue a job in the field of computer science. I first need to understand the problem at hand, assess the prerequisite knowledge I need to create a solution to the problem, and the implementation of my solution using the knowledge I learned.

Everytime I tried solving an issue, the question “What do I do?” has always been in the back of my mind. This question truly became a part of me when my computer broke down for the first time and I didn’t know what to do. Not knowing where to start without any guidance, I felt hopeless. However, my dad was able to help answer my question through his guidance. Slowly but surely, I was able to find the answer to this vague yet profound question which does not have a correct answer to. The field of computer science has always been my passion and dream to pursue in my future. Combining my passion for computer science and desire to help others, the priceless knowledge I can gain from this experience would guide me as one that can. Additionally, I can gain further perspective by exploring areas of the field I never knew of. As someone that is interested in the performance of programs, the incorporation of math in programs truly astounds me. Furthermore, the way AI’s are implemented is extremely relevant in today’s world such as social media, video games, and so much more. Through this program, I hope to obtain skills that allow me to help others.