The job duties of a computer programmer can include many things such as writing code, debugging, implementing and managing multiple systems within a business, automating those programs among many others. The requirements to work as a programmer can vary quite drastically from needing nothing more than basic familiarity with a programming language, to Masters Degrees and a plethora of certifications, depending on the job. Also, depending on the job, there are hundreds of certifications that could be utilized in for this type of job, most notably, programming language certifications such as Javascript, HTML, CSS, C#, C++, or Python. The majority of entry-level programmers can expect to make between $36,500 and $66,000, according to ZipRecruiter.

The most rewarding part of being a programmer, to me, is being able to be creative, with logic. I tend to use the left-side of my brain in most situations, so a lot of times I find myself yearning to do something creative. While trying to be creative in the past, I have attempted to draw, and I play guitar. However, when drawing I usually end up sketching out a blueprint of something, and while playing guitar I find myself focuses on how the notes relate to eachother and why they sound the way they sound. (I should’ve never googled the words “music theory”). Learning to program, though has been one way for me to express myself, that doesn’t make me feel as though I doing it “wrong”. I love the sense of accomplishment I get after successfully debugging some code that I’ve wrote and I love to implement my ideas through the medium of a compiler. I do think for me, though that the most challenging part of the job for me will be creating a plan and sticking to it. In the programming that I have done I often find myself implementing new classes and systems than what are necessary, but I do think that will be easier to deal with in a professional setting, where I am given a specific task. So far I have only written code for practice, and it has a lot of times been the IT version of doodling. With no real purpose or goal.