My personal interest is music. I like to listen to many genres of music such as classical, pop and hip-hop. I also like to sing different songs. Frédéric François Chopin is the one who drew me to music. After listening to his nocturnes I fall in love with classical music, and it became my favorite music. Another reason that I like the classical music the best is I am a quiet and lay-back person, most of my free time I like to relax in my room singing or watching videos. I also play two instruments which are piano and ukulele. We learned the unique mechanism behind the piano which is every press of your finger can lead the hammer to hit the string. In today's society, I think music is the combination of mechanics and technology.

One type of technology I found interesting is the Auto-Tune, a pitch-correcting software. Nobody is perfect, and my favorite artists are no different. During the vocal recording, it is usual for some notes to be slightly off-pitch. Nothing is significant, but it happens. The invention of the Auto-Tune allows pitch-faulty notes to be instantly and discreetly tweaked to the nearest semitone, making for pitch-perfect vocal performances every time. Kanye West was the first one who uses the Auto-Tune in his 2008 album. The Auto-tune technology in my life has made my singing hobby better. I can directly download the Auto-Tune Mobile app on my iPhone, and it works perfectly. When I sing, Auto-Tune detects what note I am singing, and corrects the pitch.
of my notes, to the nearest strong note, from the ones I select on the screen. Also, Auto-Tune is compatible with other apps if I want to record. According to Prisco, Andy Hildebrand, the inventor of autotune, whose previous job is analyzing seismic data while looking for oil. "It uses the same science of digital signal processing," says Hildebrand, a long time musician who then applied that science to singing (Prisco, 2015). Thus, Auto-Tune could consider as a detector as well as a corrector.

What are the advantages and disadvantages of Auto-Tune? It makes a recording sound better. However, the "perfect sound" would not be able to help me improve my singing skill. Also, artists come into the studio expecting to sound like a famous pop star even though they are horrible singers. What we hear from the pop station aren't their real tune. Additionally, it gives you a modern sound which can be fresh for the artists. Nevertheless, Artists use it as a safety net and feel they don't have to sing as good because they’ll get auto-tune it later. “What Auto-Tune enables me to do is salvage an otherwise great performance and pull it into pitch versus trashing it and looking for something that might not serve as well.” (Smith, 2010) Among all the musical software, none of them has been more controversial Auto-Tune. Philosophically, we will never agree on whether or not Auto-Tune is really the Devil. (Smith, 2010) As an entertain tool, it has made a big difference for me.

Technology has engaged in music production for decades, and technology indicates the future. The Auto-Tune is not only a pitch corrector for me, but it is also a study tool. By using the autotune I can see the differentiation between my real tune and the "perfect" one so that I could improve my singing skills without an instructor. “Music being partially made by technology doesn’t mean that it’s not real music. Your enjoyment of a song isn’t any less valid if that song happens to be Auto-Tuned – but perhaps that singer’s talent is.” (Hunt, 2016) The
Auto-Tune technology has been helped me to make my singing hobby more meaningful. It has provided a chance to enjoy your song instead of listening to other people's voice all the time. I believe the technology of music will be a significant part of future music production and performance, and it will enhance my interests in music.

In the Media

One TV show I watched that related to Auto-Tune was The Ellen Show, episode Memorable Moments: Ellen's Autotune Monologue. The Ellen Show is a television situation comedy created by and starring Ellen DeGeneres that was broadcast during the 2001–02 season on CBS. The series centered on Ellen's dealing with her quirky friends, her family, and the problems of daily life, set in Los Angeles. In the show, Ellen showed us how much better life would be if more people used autotune in their daily lives. Before she took out the auto-tune microphone, she was talking to the audience as usual. Suddenly, when Ellen talk through the auto-tune microphone, the audience was amazed by her new hip-hop tune. She could easily rap with the auto-tune microphone even she doesn't know how to rap. She also got a surprise visit from T-Pain, who wrote an impromptu song for the occasion. Word to your mother. T-Pain has been at the forefront of the auto-tune movement. He also introduced an app called I am T-Pain which is a free autotune app for everyone.

The Auto-Tune is pretty available for everyone. We can just get a free autotune app online; however the free app usually is unprofessional. There is a lot of paid software available on the internet price range from $59-$699. Antares is the company that kicked off the pitch correction revolution with Auto-Tune back in 1997. Now, at the NAMM show, they're demoing their latest version — Auto-Tune Pro — which has an updated user interface and a few more intriguing tweaks.
People use auto tune in two ways, by far the most prevalent way is to take a typical song and make it better in tune. The biggest impact of the auto-tune was it has dramatically changed the economics of sound studio. Now there is no need to do multiple takes; there is no need to try to seek the perfect output. However, with the convenience of auto tune, it produced no “bad notes” and no out-of-tune notes. Consequently, artists could rely on the auto-tune to make the "perfect" songs. Moreover, it is causing a new argument that instead of reaching for pitch correction with a less than desired performance, you should find a better singer who can sing in tune. According to Steve Savage, Auto-Tune is sometimes used to fix an entire vocal performance, rendering it more accurately in tune than is natural. Thus, Auto-Tune has solved problems which artists would not need to take multiple records to make the best tune, and it has changed the economics of sound studio; however, it caused a new problem that there are no "bad notes."

During the Ellen show, T-Pain seems a professional user of auto-tune. According to Soraya Nadia McDonald, no artist has come close to drawing as much derision for overuse of Auto-Tune as T-Pain. For years, it was his trademark. T-Pain didn't just use Auto-Tune to correct his voice; he used to it deliberately distort it. (McDonald, 2014) The Auto-Tune has made a significant effect on T-Pain because he is a professional rapper. How would the auto-tune affect the lives of people in real life? As Ellen mentioned in the show, she said everybody should get one of this auto-tune microphone because it makes things difficult to say much more comfortable. Although that was a joke, people's lives have been changing because of auto-tuning. The Auto-Tune made people's life more comfortable, especially for the artists.

In my opinion, the Auto-Tune is ethical. It is not only a tool that makes the singer's tune correct, but also a tool made people's lives fun and efficient. I don't think it could be used in
many ways that would be considered as unethical. In 5 or 10 years, our society will be a technology-orientated world. Everything in our lives will have some sorts of relationships with technology. I think Auto-Tune will be continued to serve people's entertainment, and it will be evolved as convenient as Photoshop. More and more people will sing confidently, and technology does make our lives better.
Work Cited


