

Hello! My name is Joel Stokes and it is a pleasure to take on this internship, I have high expectations to pick up new skills to build my resume from the ground up. This is my first  $\text{\LaTeX}$  program.

I had to learn a lot of skills even for the first week, but to be honest this isn't my first time delivering fresh out of a crash course.

There easy enough. But when you put into account.

- The technicality of the concept of  $\text{\LaTeX}$
- The cruelty of learning commands for coding
- The painstaking process of engineering in general

Anyone could get the feeling of frustration. The task Mr.Umer Hazaifa was to could an Arduino bot off of my skill-set from Chicago Builds and my experience coding in Arduino in the 7th grade. I hope to dive deeper in the concept of software. But to the main focus my job research functions to the bot to find provide good material for Mr.Huzaifa. As simple a task can get.

Then Mr.Huzaifa tasked me with getting used to programming a breadboard. The LED programming was simple enough, but the real challenge was with the programming of the LCD display.

The wiring for the micro communicator was a hassle in itself until I forgot to wire the 3rd terminal to the potentiometer one of the most important terminals to display text to the LCD display.

Then I got back to programming the Arduino Bot. But I got frustrated with the dynamics of coding, so I asked Mr.Umer for any hardware tasks, and that said task was replace the broken hinge swivel. The process was to:

- Open Up the Headphone Casing
- Desolder the Terminals to the Wire
- Remove the Wire From Headphone
- Unscrew the Hinges and Replace Swivel
- And Solder Back the Headphones and Assemble Headphones.

My latest task as off July 24,2023 is to ptest run all three of the 3-d printers I have printed a,Pikachu and a cross. I shouldn't have too much problem with last one.