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Reflection #1
June 21, 2024

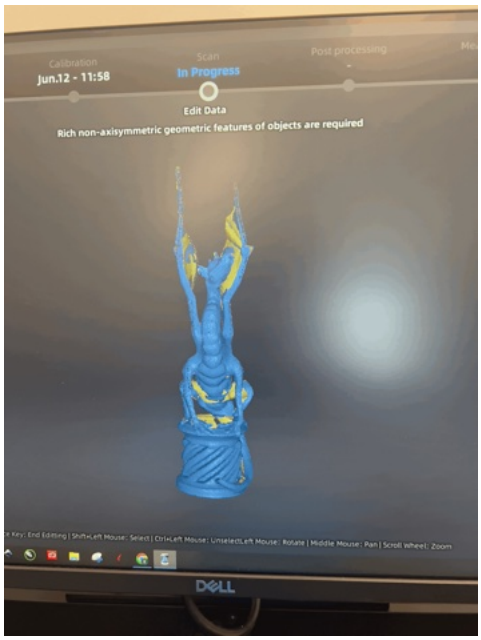
My Experience at ODU's Brooks Crossing Innovation Lab

Since starting my internship in the beginning of June, I have had many new experiences. Up to this point my main focus has been learning the various pieces of equipment in the ilab. During my first introduction to the equipment I felt a bit overwhelmed and out of place. That being said I did recognize that it is a part of any new experience so I did not let that affect me. I quickly learned how to use the direct-to-garment printer which is an essential part of the community workshop events that the ilab conducts weekly. Additionally, I have found a new interest in 3D technology including scanning, modeling, and printing. When the lab is not hosting events or camps we are giving time to branch out and learn the equipment and get comfortable with it so that it can be used in future projects. I appreciate being able to take advantage of that time as someone who has not had the access to this kind of technology prior.

On Jun 18, 2024 I taught my first sessions to participants of VPCC's summer technology camp. This camp included a mix of middle and high school students. I led garment and 3D printing activities while teaching them the basics of the technology behind them. Specifically I am becoming well versed in Tinkercad, which is a computer aided design software used to make original 3d designs. While I have been a leader in summer camps before while I was in high school this experience was different. I enjoyed being able to share my knowledge and watching the students get to make something for themselves. While working with kids was not one of my career goals I do take pleasure in it. In the near future I am excited for the

upcoming events including a cybercrime camp set to take place in July. I am excited to keep learning new tech and to get as comfortable and efficient as possible.

Assisted student with using Tinkercad to create a 3D model to print his own plant pot during VPCC tech camp.



This is a photo of a 3D model that I made using a 3D scanner and my first draft print. I learned this method with the intent of being able to print small pieces for the robot kits in the ilab that get lost or broken easily so that we can continue to use them.