

ANCHOR HOCKING®

September 3, 2021

To Whom it may concern,

Darrian Hill worked at Anchor Hocking, Plant 1 in Lancaster, Ohio as our Operations & Engineering Intern during the summer of 2021. I was his manager.

Darrian worked on numerous projects using engineering tools over the summer.

Darrian spent the majority of his time supporting the mold shop. He worked with the Faro Arm scanning system to (1) update the system software to get it functioning properly, (2) test the accuracy and repeatability of the unit, (3) test the viability of the reverse engineering software package offered for the unit and (4) perform QC checks on mold equipment as it leaves the shop. Prior to Darrian's participation the unit was sitting idle and not being utilized. He also participated in mold equipment failure analysis and revising the associated procedures.

Darrian used Solid Works to convert more than fifty 2D paper drawings to 3D and saved them to the network drive. This activity facilitates future engineering activity by having these assembly drawings readily available verses having to go back through the archived paper drawings. Darrian was able to improve his skill level with some instruction from other staff engineers.

Darrian researched the possibility of utilizing SCARA type robots to apply labels to glassware for an inline packaging operation. This process involved reaching out to multiple vendors, setting up demonstrations, reviewing capabilities and acquiring quotations. This project will potentially provide a cost savings of over \$100,000 per year.

He used Microstation CAD software to create layout drawings for the new phone system and was also involved in a few troubleshooting activities in maintenance.

Thank you,

Stephen D. Carpenter
Director of Technical Services
Anchor Hocking