

INTRODUCTION

Internship as a Process Engineer at Nexus Engineering Group LLC. Located in downtown Cleveland from May 2021 till May 2023. Full time hours over the course of the summer, and in between classes part time during school semesters.

KEY TAKEAWAYS & TASKS

- Redlining & updating visuals of changes in the scope, optimizing instrumentation and location of pumps, valves, transmitters, etc.
- Staying up to date with each discipline involved in the project, internal status & diagram reviews, providing process information to others & requesting information from other members of the team
- Status meetings, piping and instrumentation reviews, requesting and producing process information, providing multiple design options
- Calculation of the work, power, pressure, etc. And different design specifications for the larger pump
- Providing up to date calculations and orifice areas for the pressure

Acknowledgments

Thank you to Nexus for the incredible amount of knowledge and experience I have learned about the consulting world before being completely immersed in it. Thank you to CSU for four years of involvement and learning.