
Career Objective

Proven collaborator with 6+ years as a contributor and leader on engineering teams. Demonstrated ability to meet deadlines, prioritize tasks, and apply creative problem solving in a fast-paced environment. Seeking an entry level position as Software Engineer.

Summary of Qualifications

- Project management
- Process documentation
- Data structure evaluation and selection
- Object-oriented software design and implementation
- Algorithm analysis and optimization
- System and Unit testing

Languages

- Java (Intermediate)
- Eclipse IDE (Intermediate)
- C (Beginner)
- HTML/CSS (Beginner)

Experience and Education

Clemson University

Bachelor of Science in Biosystems Engineering, minor in Environmental Engineering, Class of 2016

North Carolina State University

[Computer Programming Certificate](#); January 2023 – December 2023

Process Engineer, Corning Pharmaceutical Technologies

October 2021 – November 2022; Durham, NC

- Tested and commissioned a fully automated glass forming line capable of producing >200,000 vials/day
- Acted as Glass annealing oven Subject Matter Expert during installation of 8 industrial ovens
- Assisted Software and Automation Engineers to develop internal plant metric application with responsive GUI

Project Engineer, Blue Force Technologies

October 2018 - October 2021; Morrisville, NC

- Achieved 100% on-time and quality acceptance as a supplier for Saffron, Embraer, and Virgin Galactic
- Managed and updated contracts totaling \$1M in annual revenue; 10% of company revenue
- Inspected and delivered over 2000 composite aircraft components

Manufacturing Manager, B&W Fiberglass

May 2017 – October 2018; Shelby, NC

- Drove production to meet 100% demand increase, achieving >100,000 lbs/week of fiberglass product spanning more than 200 Stock Keeping Units
- Created production schedules and managed department with 26 equipment operators
- Commissioned next generation autonomous winders for 25% production increase on key products

Technical Engineer, B&W Fiberglass

July 2016 – May 2017

- Developed preventative maintenance program targeting continuous 24/7 runtime for 30+ machines
- Coordinated 3 maintenance technicians to respond to all unscheduled machine downtime