

OBJECTIVE

Junior mechanical engineering student with over a year of experience in the pharmaceutical and packaging industry and a wide array of software knowledge. Looking to further my experience with packaging and manufacturing systems by contributing to an innovative team and incorporating a vertically integrated supply chain.

WORK EXPERIENCE

Packaging Engineer Co-Op | **BIC** | Shelton, CT Jan 2021 – Present

- Modify legacy packaging designs to incorporate up to 90% recycled material
- Design optimal case and pallet layouts to enhance shipping efficiency and lower delivery costs
- Construct pricing models for the sales teams to evaluate the viability of proposed promotional campaigns
- Facilitate specific packaging requests from retailers like Walmart, Amazon, and Costco

Process Engineer Co-Op | **Endo International (Par Pharmaceutical)** | Chestnut Ridge, NY Jan 2020 – Jan 2021

- Maintained the manufacturing and packaging machines to ensure 100% fulfillment of quarterly orders
- Established production workflows for new products to ensure the R&D process could be scaled to launch quantities
- Performed qualifications for new or repaired machines to ensure they met all guidelines required by corresponding SOP's and those set by the DEA and FDA for pharmaceutical manufacturing
- Populated hundreds of machines into Blue Mountain Regulatory Asset Manager to allow for coordination of machine movement between rooms and batches
- Supervised requisition orders for new parts and machines as well as manage contact and payment to vendors upon receipt of goods/services

Last-Mile Delivery | **Instacart** | East Lyme, CT May-Aug 2020

Lime Field Operator | **Lime** | Hoboken, NJ Aug-Nov 2019

Server / Bar-Back | **Pizzetta** | Mystic, CT May 2016-Aug 2019

EDUCATION

Stevens Institute of Technology | Hoboken, NJ

B.E. in Mechanical Engineering (5 Year Co-Op Program)

Expected May 2023

GPA: 3.76 | **Awards:** Presidential Scholarship, Dean's List

Coursework: Pharmaceutical Manufacturing, Materials Processing, Differential Equations, Engineering Design

SKILLS

Technical: Blister Packaging, Co-Packing, Six Sigma, Standard Operating Procedures (SOP's), Performance Qualifications, Validation, Good Manufacturing Practice (GMP), Pharmaceutical Manufacturing, FDA & DEA Regulations, Capital Expenditure Projects (CapEx), 3D Printing, Audit Trails, Change Control, Purchase Orders, LEAN Manufacturing

Software: JDE, SAP, SolidWorks, AutoCAD, Illustrator, Photoshop, Microsoft Office, COUPA, Visual Studios, SharePoint, TOPS

Programming Languages: C++, HTML, CSS, SCSS

Certifications: Google Analytics, Six Sigma

LEADERSHIP / VOLUNTEER EXPERIENCE

Mentor | **Big Brothers Big Sisters of America** | Hoboken, NJ Aug 2018 - Present

- Act as a healthy role model for 6-year-old mentee on a weekly basis
- Help individual navigate personal struggles through conversation and problem solving serving on topics such as slow progress in school and the separation of his family
- Oversee the well-being of mentee and help teach soft skills such as accountability and respect

PERSONAL PROJECTS

Company Engineering/Production Site | (Microsoft SharePoint) | **Internal** Aug 2020

About: Designed and implemented a company-wide SharePoint site to coordinate facility cleaning schedules and send email reminders for upcoming tasks

Stock Evaluation Website | (Website Development) | **BullishBay.com** June 2020

About: Created a web app to assess any given stock by pulling financial data from company SEC Filings. Through the use of an API, financial data is called for, then used in a variety of calculations to produce a score