
OBJECTIVE

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

WORK EXPERIENCE

Pharmaceutical Engineer Co-Op | **Par Pharmaceutical** | Chestnut Ridge, NY Jan 2020 - Present

- Place and track COUPA requisition orders for new parts and machines as well as manage contact and payment to vendors upon receipt of goods/services
- Maintain the manufacturing and packaging machines to ensure timely and accurate fulfillment of orders
- Recharacterize hundreds of machines in Blue Mountain Regulatory Asset Manager to allow for seamless movement of machines between rooms and batches
- Perform qualifications for new or repaired machines to ensure they meet all guidelines required by corresponding SOP's, as well as those set by the DEA and FDA for pharmaceutical manufacturing
- Program network connected machines to utilize a data base of preconfigured recipes and tolerances for production

Lime Field Operator | **Lime-Bike (Electric Scooter Startup)** | Hoboken, NJ Aug-Nov 2019

- Maintained the fleet of electric scooters to a standard set forth by the City of Hoboken
- Mobilized the transportation and distribution of scooters in need of repair or relocation
- Recorded data through the Lime mobile app as field operator to ensure fluidity for customers

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

- Provided excellent customer service to customers dining in the restaurant
- Collaborated with 15-20 co-workers to ensure the timeliness of orders and overall happiness and satisfaction of customers
- Closed and maintained the cleanliness of the kitchen and bar each night

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: Thermodynamics, LEAN Manufacturing, Multivariable Calculus, Differential Equations, Engineering Design

SKILLS

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

Software: SolidWorks, AutoCAD, Photoshop, Microsoft Office, COUPA, Blue Mountain, VMWare, Adobe Creative Cloud, Visual Studios, LabView, FreeWeigh

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

Certifications: Google Analytics

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 well-being of mentee and help teach soft skills such as accountability and respect

PERSONAL PROJECTS

Stock Evaluation Website | (Website Development) June 2020

About: Created a responsive website with roommate 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.

MacOS Hypervisor | (Computer Hardware / Software) May 2020

About: Created a functional computer build that is able to run Mac OS (Apple's Operating System) on non apple hardware through the use of virtualization, linux, and a number of open-source Github projects.