



YoungYoo Kim

US Citizen

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Fairfax, VA

Education

Bachelor of Science in **Mechanical Engineering**

Drexel University, Philadelphia, PA

06.2019

Experience

Manufacturing Support Engineer

Clene Nanomedicine, North East, MD

Clinical-stage biopharmaceutical company

11.2021 – 02.2022

- Ensure proper operation of mechanical and electrical systems supporting manufacturing activities
- Monitor and evaluate diverse manufacturing processes for optimal operational efficiency and effectiveness
- Maintain departmental compliance with current Good Manufacturing Practices (GMP) and other regulatory guidelines

Design Engineer Co-op

Harbor Designs & Manufacturing, Baltimore, MD

A small, fast-paced product design company that helps bring clients' ideas to life.

09.2016 – 03.2017

- Mechanical design engineer at an ISO 9001/13485 certified design and engineering firm
- Responsible for designing and developing products across various industries including consumer electronics, transportation, defense, and biomedical sectors, utilizing Solidworks
- Engage in collaborative efforts with overseas manufacturing firms for prototyping and small-scale production

Automotive Engineer Co-op

Southco, Inc, Thornton, PA

Global headquarters of industry leading access hardware engineering company

09.2014 - 03.2015

- Utilize NX to create and update access hardware designs and drawings, both legacy and new
- Work closely with departments including electrical engineering, NPD (New Product Development), testing, and tooling within the company
- Coordinate with Southco's international manufacturing facilities and engineering teams for effective communication and collaboration.

Technical Skills

Design Tools: Solidworks, NX, AutoCAD, Inventor, Fusion 360

Design Capability: Prototypes, DFM, DFX, CAD, Plastic injection molding, 3D Printing, Laser cutting, Sheet metal, CNC Machining, Lathe