

Gabriel Levin

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Objective

To obtain a technical position in Mechanical/Manufacturing Engineering to gain experience to further my career in lean manufacturing, cost analysis, and operations management.

Education

New Jersey Institute of Technology: Newark, New Jersey (Current GPA: 3.03)

B.S Mechanical Engineering Technology Minor: Manufacturing Engineering

Expected Graduation: Spring 2020

- **Relevant Course Work:** Industrial Cost Analysis, Circuits, Thermodynamics, Statics, Quality Systems, Engineering/AI Ethics, Fluid Mechanics, Engineering Design, Strengths of Materials, Machine Design Analysis, Automated Control System (PLC)
- **Relevant Course Projects:** Lead Semester CAD project (Creo), Solo, Business Proposal Project, 3D Printed Drone Design (SolidWorks), Senior Design Capstone (Cross project with Robotics Lab)

Work Experience

Perrigo Pharmaceuticals (May 2019 – Sept. 2019)

Production Engineering Intern

- Received unique experience and training for the corporate office environment
- Worked along side Quality, Maintenance, and Operations departments
- Executed projects utilizing Six Sigma and PDCA Cycles
- **Project Scopes include:** CAD (AutoCAD 3D), Training Line Personnel, Procedural Changes of SOP, GMP Practices, SharePoint Application Design, 3D Printed Prototyping, Cross Departmental Research

Partners in Sound Productions (Dec. 2015 – Sept. 2018)

Lead Production Engineer Curated an environment for clients using various lighting fixtures

- Responsible for installation, maintenance, repair and removal of audio systems, video equipment, wired/wireless public address sound equipment, lighting, and sets for Live Entertainment shows.
- Worked nights, weekends, and holidays while pursuing bachelor's degree
- Responsible for company assets
- Hiring and onboarding technicians
- **Engineering Management Proposal Project:** Created a Business proposal about improving day to day operations and work flow habits
 - Scope of Project was to advance company to going concern and long-term growth using PDCA Cycles and Lean Manufacturing principles

Skills

Software tools: Creo Parametric, MSC Adams View, AutoCAD, Microsoft Office, SolidWorks, Martin Light Jockey, Python, SharePoint, Visual Studio, Microsoft Flow, CorelDraw, Logix Pro, TIA Portal, SAP, Track Wise

Manuals: NJ DOT, ASTM, GMP

Languages: English (Fluent), Russian (Proficient), Italian (Proficient)

Extracurriculars

Robotics and Data Lab (NJIT) Lead mechanical Designer (January 2020-May 2020)

Developed rapid prototyping designs (SolidWorks) that advanced the Lab's ability to express theories in reality

Project "NOMAD" Chassis System Development

Developed a new system and simulated usage (MSC Adams View) for Two side Movement and static bridge

COVID19 Ventilator Filter Design Project

Developed Rapid Design for 3D printing and CNC machining Emergency Ventilator Filters which were shared open to the public in efforts to fight Corona Virus

Tau Delta Phi Fraternity

Recruitment Chair (September 2017-June 2018)

Inter-chapter Relations Chair (September 2018- May 2019)

American Society for Mechanical Engineers (ASME)