

# Neehar Namjoshi

[neeharn15@gmail.com](mailto:neeharn15@gmail.com) | 608-960-5707 | Stamford, CT | [LinkedIn](#) | [Portfolio](#)

## EDUCATION

### University of Connecticut, Stamford CT

Master of Science in Business Analytics and Project Management (MSBAPM)

Expected Grad: May 2024

4.0/4.0 GPA

### University of Wisconsin-Madison, Madison, WI

Dec 2019

Bachelor of Science in Mechanical Engineering

3.6/4.0 GPA

Certificate in Manufacturing Engineering

**Programming Languages and Tools:** AWS, GCP, SQL, Python, R, Excel, Java, MATLAB, Simulink, EES, LabVIEW, G-Code, Machine Learning

**Data Analysis and Visualization:** Excel, Tableau, PowerBI, JMP, SAS, MS Access, Microsoft Visio

**Engineering Software and Tools:** SolidWorks, NX, FEA (Finite Element Analysis), Moldex3D, CNC (Computer Numerical Control), MS Office

**Project Management and Collaboration Tools:** JIRA, Agile Methodology, Waterfall Methodology, MS Project

**Other Skills:** Hadoop, Machining, ROScore (Robot Operating System), Advanced Analytics

**Relevant Courses:** Data Science with Python, Data Mining, Cloud Computing, Data Management and Business Process Modeling

## WORK EXPERIENCE

### Business Specialist/Analyst | Connecticut Information Technology Institute | Stamford, Connecticut

May 2023 – Present

- Conducted thorough data wrangling for a database with 5000+ registrar of voters (ROV) records, meticulously addressed missing values to ensure data integrity, resulting in enhanced accuracy and reliability of voter information.

- Extracted information from over 10 disparate sources to create a comprehensive data report, offering a consolidated view of active and inactive ROVs, their completed sections, and completion dates in a user-friendly format for client requests.

- Analyzed and rectified discrepancies in payments for ROV courses, successfully recovering over \$10,000 in missing payments.

### Patent Engineer/Analyst | Cardinal Intellectual Property | Evanston, Illinois

Mar 2020 – Nov 2022

- Scrutinized different inventions for patentability and industrial applicability from an engineering perspective to aid in patent litigation.

- Drafted 200+ US and international patent application search reports for the United States Patent and Trademark Office.

- Executed prior art analysis in the technical fields of mechanical systems, robotics, manufacturing processes, renewable energy, aerospace, medical devices, food and beverage, agriculture, and household appliances.

### Mechanical Engineering Intern | FLEx Lighting LLC | Chicago, Illinois

May 2019 – Aug 2019

- Designed and 3D printed a fixture for installing an in-house vision system and Coordinate Measuring Machine (CMM).

- Crafted a proof-of-concept jig to streamline product assembly, showcasing creative problem solving with advanced modeling.

- Conducted root cause analysis of defects in the front light panel variance using the vision system.

- Installed pneumatic clamps and wired pneumatic hoses for the assembly of the lamination machine.

- Implemented wireless 3D printing capabilities on a 3D Printer using Raspberry Pi and Linux software.

### Engineering Intern | Mercedes-Benz Vans, LLC | Ladson, South Carolina

Jun 2018 – Dec 2018

- Improved production rate by tracking downtime in the body shop using excel macros and root cause analysis.

- Created standardized weld spot documentation for ultrasonic and destructive testing of product variants by examining CAD drawings.

- Led meetings to discuss and delegate tasks to appropriate parties to solve a running list of production line issues.

- Relocated stud and weld spots to improve production robot accuracy through referencing CAD drawings.

### Quality Engineering Intern | FLEx Lighting LLC | Chicago, Illinois

Jan 2018 – Jan 2018

- Optimized cell layout and manufacturing processes of the 1.26" Front Light Panels (FLP) through detailed time study.

- Conducted Quality Control and compiled a report of over 2000 units of rejected FLP.

- Designed and fabricated brackets for mounting LED screens to investigate the brightness from various viewing angles.

## OTHER EXPERIENCE

### Tutor | Undergraduate Learning Center | Madison, Wisconsin

Jan 2017 - Dec 2019

- Held group and one-one-one tutoring sessions for students in the STEM major.

- Tutored cross-disciplinary courses in mathematics, physics, mechanical engineering, and industrial engineering.

- Developed strong interpersonal skills and time management skills.

### Research Assistant for Adidas Boost Project | Polymer Engineering Center | Madison, Wisconsin

Feb 2018 - May 2018

- Designed compression and shear testing parts to test athletic shoe's sole material.

- Fabricated and machined the test parts previously mentioned.

- Presented research findings at the 18<sup>th</sup> International Polymer Colloquium.

### Research Assistant for Metal 3D Printer Project | Polymer Engineering Center | Madison, Wisconsin

Feb 2019 - May 2019

- Designed and fabricated a fan bracket in order to increase cooling while printing metal 3D parts.

- Developed a design of experiments (DOE) to observe how varying printer parameters affected quality of printed parts.

- Utilized Alicona InfiniteFocus, an optical 3D surface measurement system, to analyze the quality of printed parts.