

Neehar Namjoshi

neehar.namjoshi@uconn.edu • 608-960-5707

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

Bachelor of Science in Mechanical Engineering

Certificate in Manufacturing Engineering

Dec 2019

3.6/4.0 GPA

Technical experience: AWS, GCP, SQL, JIRA, Python, R, JMP, HADOOP, SAS, SolidWorks, NX, FEA, MATLAB, Simulink, Java, CADjs, EES, LabVIEW, G-Code, Moldex3D, CNC, MS Office, Machining, ROScore

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

WORK EXPERIENCE

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

May 2023 – Present

- Conducted extensive data cleaning and wrangling for a database containing 5000+ records of registrar of voters (ROV), meticulously addressing missing values and ensuring data integrity, resulting in improved accuracy and reliability of voter information.
- Queried a comprehensive data consolidation effort by extracting, cleansing, and wrangling information from more than 10 disparate sources, seamlessly integrating data to provide a consolidated view of active and inactive registrar of voters along with their completed sections and respective completion dates, all presented in a user-friendly format for client requests.
- Identified and rectified discrepancies in payments for ROV courses, successfully recovering over \$10,000 in missing payments, showcasing strong analytical skills and a commitment to financial accuracy and accountability.

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 to install an in-house vision system and CMM and a jig to shorten product assembly rolling process.
- Carried out root cause analysis of defects for the front light panel variance using vision system.
- Wired pneumatic hoses and installed pneumatic clamps to assemble the lamination machine.
- Implemented wireless 3D printing capabilities on 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 18th International Polymer Colloquium.

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

Feb 2019 - May 2019

- Designed 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.