

Neehar Namjoshi

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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, Python, R, Tableau, PowerBI, JMP, HADOOP, SAS, JIRA, SolidWorks, NX, FEA, MATLAB, Simulink, Java, CADjs, EES, LabVIEW, G-Code, Moldex3D, CNC, MS Office, Machining, roscore

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 extensive data 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 report by extracting 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.
- 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 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.

COURSEWORK EXPERIENCE

Enhancing Logo Recognition for Retailers | Stamford, Connecticut

Oct 2023

- Web scraped using Bing Image Downloader library in Python and gathered 600 images.
- Developed a computer vision system leveraging data augmentation and transfer learning to identify merchandise containing either a Nike or Adidas logo to ensure brand authenticity and improve customers' online shopping experiences.

Sentiment Analysis of Oscar-Nominated Movie Trailers | Stamford, Connecticut

June 2023

- Employed text mining techniques, such as tokenization and NLP, to assess sentiments in Oscar-nominated movie trailer comments across diverse genres.
- Generated curated sentiment lists, encompassing over 500 emotional keywords, and strategic use of start words and stop words for precise emotion extraction, ensuring noise reduction.
- Utilized unsupervised text mining algorithms to further unveil trends, delivering actionable business recommendations for media platforms to elevate content creation and enhance user engagement.

StarCraft 2 Player Prediction for Esports Recruitment | Stamford, Connecticut

May 2023

- Developed a Neural Network model to predict top-tier StarCraft 2 players with an overall accuracy of 98.4%, assisting Esports organizations in strategic recruitment, enhancing championship-winning probabilities and sponsorship opportunities.
- Provided personalized actionable recommendations for high-potential players, to help management retain and optimize team performance.