

PROFESSIONAL PROFILE

- Combination of strong business and engineering backgrounds enabling a high visibility and understanding of budgetary and process flow operations of engineering projects.
- Highly analytical with notable skills of high attention to detail, strong technological understanding, data collection and analysis, with exceptional interpersonal skills.
- Advanced computer skills: fluent in Excel, multiple AutoCAD software such as Creo and SolidWorks, MatLab, Access, Publisher, MS Project, budget/accounting programs, HTML basic and Java coding and an interest to learn more advanced coding.
- Actively pursuing PMP certification and PE licensing.

EDUCATION

University of Missouri – St. Louis/Washington University – St. Louis, MO BS Mechanical Engineering	Graduated: December 2022 GPA: 3.61
Lindenwood University – Belleville, IL BS Business Administration <i>Minor: Finance Emphasis: Accounting</i>	Graduated: May 2018 GPA: 3.89

WORK EXPERIENCE

Nidec Motor Corporation, Saint Louis, MO <i>Robotics and Motion Project Engineer/Mechanical Engineer</i>	January 2023- Present
<ul style="list-style-type: none">• Lead new product development for multiple motor applications, including design review, drawing reviews, safety reviews, DFMEA, FEA, etc. Report activities to management through stages of NPD to production.• Manage project finances such as project budget and customer purchase orders for DV, PV, and start of production, to report to management regularly.• Manage engineering BOM and drawing markups with various teams like operations and procurement. Manage signoffs with client and DFM's with vendors to validate a complete design for production.• Manage team up to 6 people for development builds and assisting in communication in cross-function teams such as operations and procurement moving into production.• Train, mentor Engineering Co-ops and Junior Engineers.• Develop, validate, and report on cost saving, and operation efficiency, and vendor changing for key components such as magnets, magnet wire and seals.	
Nidec Motor Corporation, Saint Louis, MO <i>Robotics and Motion Junior Engineer</i>	August 2022- January 2023
<ul style="list-style-type: none">• Develop, validate, and report on cost saving, and operation efficiency, and vendor changing for key components such as magnets, magnet wire and seals.• Assist new product development for multiple motor applications, including design review, drawing reviews, safety reviews, DFMEA, FEA, DFM, test validation, SEIM, DFM preparation reports.• Includes all Robotics and Motion Engineering Co-op tasks.	
Nidec Motor Corporation, Saint Louis, MO <i>Robotics and Motion Engineering Co-op</i>	September 2021- August 2022
<ul style="list-style-type: none">• Assist with motor design, quality control, design of prototype tooling, motor assembly review, and managing CAD data in company database systems.• Lead, organize, and report on prototype builds up to 450 motors for client.• Manage a database for components, requesting quotes, issuing purchase orders, and tracking supplier lead times.• Handle administrative tasks such as shipping, purchasing, report review, project budget, administrative service reconciliation of monthly engineering purchases, and report meeting minutes.	