

MICHAEL WASHBORNE, PE

1816 Hereville, ND 58101 | 701-555-XXXX | first.last@gmail.com | (*LinkedIn URL*)

PROFESSIONAL SUMMARY

Dedicated, licensed Professional Engineer (PE) with 4 years of experience in product development, passionate about innovation within aeronautical industry. Looking to apply experience and education within a growing company on the cutting edge of technology.

WORK EXPERIENCE

XYZ Aeronautical Emporium, Deer River, MN

Mechanical Engineer

June 2017 – Present

- Employ attention to detail daily while designing, developing, and inspecting aviation components
- Utilize creative thinking to create conceptual airfoil designs for an ultralight prototype
- Apply effective communication while suggesting a lighter alloy composition for ultralight frame which would reduce the total weight by 8 pounds
- Systematically reorder safety-inspection checklist saving approximately 10 minutes per inspection

Red Oaks Mechanical INC, Red Oaks, MN

Junior Mechanical Engineer

May 2015 – June 2017

- Developed leadership and communication skills by coordinating 7 weekly team meetings providing status updates to project manager and clients
- Assisted with AutoCAD design of swivel mechanism for driver's seat, used in new 2017 tractor production line improving driver mobility and comfort
- Effectively worked in team of 16 during assembly process of tractor cab ensuring on-time project completion

Intern, Quality Control Department

Summers 2013, 2014

- Expertly trained by Master Engineer how to determine if bearings meet acceptable production tolerances
- Creatively developed plans to upgrade ventilation efficiency for facility saving \$15K annually
- Identified and corrected 3 tripping or bumping safety hazards helping to eliminate accidental injuries

TECHNICAL SKILLS

Programs: AutoCAD, SolidWorks, Creo, MATLAB, Minitab, MS Project, MS Office

Machining Tools: Mills, Lathe, Drill Press, CNCs

EDUCATION / LICENSURE

Master of Mechanical Engineering, North Dakota State University, Fargo, ND

(Anticipated) Dec 2021

BS Mechanical Engineering, North Dakota State University, Fargo, ND

May 2015

Professional Engineer (PE)

Aug 2018