

MORGAN TREMBUSH



Integrated Solutions Manager

PERFORMANCE HIGHLIGHTS

Innovative and forward-thinking Engineer with hands-on experience in precision ag products, farm technology, farm and business operations, process implementation, training and support, R&D, R&M, design, fabrication, and assembly. Strong background in manufacturing practices with a focus on mechanical, electrical, and programming aspects. Problem solver looking for ways to continuously improve processes, raise standards, and reduce costs.

Excel at leadership, team collaboration, and communication at all levels of an organization. Ability to give clear direction and write technical documentation in simple to understand language. Perfectionist overseeing projects while diving into specific components for completion from start to finish. Follow specific quality standard system pass/failure procedures. Efficient working both in the field and in office.

Master's Degree in Engineering Science, Mechanical Concentration | Research and Development
Training | Ag Technology | Machine Calibration | Technical Support
Vendor Relations | Process Development | Procedure Writing | Budgeting
Equipment Installation & Repair | Quality Assurance | Leadership | Cost Reduction
Manual Dexterity | Service Minded | Product Development | Power Tools | EDGE

TECHNICAL PROFICIENCY AND PROJECTS

- Process development and implementation for training supervisors on agriculture technology. Implemented process for seamless integration of in-house parts and service departments.
- Supervised the operation of 8 autonomous orchard sprayers using wireless communication while ensuring cost effectiveness and quality of application
- Implemented a system to track 24 machine groups during the almond harvest season to project completion date and time: increasing efficiency of operation logistics planning

EDUCATION

- **Master of Science in Engineering Science** | University of the Pacific | Stockton, CA | 2020
- Mechanical Concentration
- **Bachelor of Science in Bioengineering** | University of the Pacific | Stockton, CA | 2019
- Mechanical Concentration
- Magna Cum Laude
- **Qualified Applicator License**
- Private Applicator Certificate

WORK HISTORY AND ACCOMPLISHMENTS

Integrated Solutions Manager

KERN MACHINERY INC. | Bakersfield, CA | 05/2022 – Present

Support integration of precision ag technologies with all customers. Provide support to Sales, Service, and Parts.

Assistant Manager of Operations

E.E. HALL / FUERTE AG | Firebaugh, CA | 06/2020 – 05/2022

Manage farm technology across 45,000+ acres, Manage spray applications at 5 different ranches, Manage all integrated precision ag technologies; GUSS, QuickDraw, Ag Leader, WeedIt

- Perform trainings on agriculture technology and spray operations for California and Hawaii
- Provide technical support to supervisors for implemented systems
- Act as a liaison between operations, dealer, and manufacture of equipment
- Assist the logistical movement of machine groups across the central valley
- Act as a facilitator between equipment operations team and grower production team
- Work with PCAs to ensure application times are met and recommendations are closed daily
- Implemented a fleet tracking system for 500+ pieces of equipment: location, service, repair
- Implemented a parts tracking system for \$2.5 million of inventory
- Developed a process to track 24 different operation groups during almond harvest season

Autonomous Spray Supervisor

E.E. HALL | Central Valley, CA | 01/2020 – 06/2020

Supervised spray applications over 10,000+ acres

- Operate and maintain a fleet of 8 GUSS orchard sprayers
- Increased operational efficiencies of autonomous spray operation
- Manage a crew of 6 personnel to ensure highest quality of spray application
- Designed and fabricated 5 automated chemical mixing stations using QuickDraw

Mechanical Repair

E.E. HALL | Bakersfield, CA | 08/2020 - Present

Managed shop branch location, operate and maintain heavy machinery, improved process and raised standards for operations services, equipment installation, servicing, and tracking

Tissue Engineering Research Consultant/ Tissue Engineering Lead Research Assistant

UNIVERSITY OF THE PACIFIC | 01/2019 - Present

Managed 3 engineers in design and fabrication, vendor and material sourcing, data analysis

Systems Engineering Co-Op

ABBOT LABORATORIES | Pleasanton, CA | 05/2018 – 01/2019

Performed engineering research and modeling, wrote quality and procedural documentation, managed departments calibrated assets

AWARDS AND RECOGNITION

BSA Eagle Scout | National Society of Leadership and Success | 2016 – 2020