

Caleb Boehm

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EXPERIENCE

AGRICULTURAL CONNECTIVITY VALIDATION TEST ENGINEER

Boston, MA

02/2016 – present

- Provide insight as to vehicle level use of software functions as part of the cross functional development team
- Interface directly with support groups and internal customers such as engineering, marketing, and platform as part of the development team
- Develop detailed system and sub-system test procedures for functional, performance, and safety tests as related to Telematics, Precision Farming, and Guidance content based on engineering specifications
- Develop detailed system test procedures for functional, performance, and safety tests as related to Telematics and Connectivity content based on engineering specifications
- Aid design team in the development of Telematics, Connectivity, and Web Portal PS&T software on harvesting machines
- Act as a Product Validation representative embedded in the Product Engineering software development team for Telematics and Connectivity in PS&T
- Report back status of the Telematics software development to the PS&T Product Validation Team

AGRICULTURAL GUIDANCE VALIDATION TEST ENGINEER

Boston, MA

11/2011 – 10/2015

- Develop detailed system and sub-system test procedures for functional, performance, and safety tests as related to Auto Guidance, Precision Farming, and Telematics content, based on engineering specifications
- Document the results of the test, including issue reporting into proper tracking tools. Maintain and update issues as they are resolved
- Interface effectively with support groups and internal customers such as engineering, marketing, platform, etc
- Aid design team in the tuning exercises for machine Auto Guidance features for the PS&T software on agricultural machines
- Develop and execute experiments to validate and qualify new design solutions
- Generate lab data under good lab practice (GLP) protocols for product development and characterization
- Collaborate with various teams to solve technical problems and identify improvement opportunities

AGRICULTURAL ENGINEER

San Francisco, CA

12/2006 – 10/2011

- Design, modify and construct small scale product application devices for product performance evaluation
- Process, analyze data and report results in defined lab report formats
- The qualified candidate will have
- Document the results of tests, including issue reporting into proper tracking tools. Maintain and update issues as they are resolved
- For Professional meetings, Conferences and other work related travel
- Occasional Travel

EDUCATION

THE OHIO STATE UNIVERSITY

Bachelor's Degree in Engineering Technology

SKILLS

- Advanced computer skills with working knowledge of operating platforms used in development (Windows, etc.)
- Ability to communicate with all levels in the organization
- Ability to teach and instruct others in equipment operations and processes
- Advanced knowledge of electrical diagrams and mechanical drawings
- Understanding of ladder logic programming used in development of control systems
- Self-motivated and self-starter
- Mechanical/electrical design and drafting abilities using CAD software