

Cody Clegg

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EXPERIENCE

Georgia Tech Professional Web Development Bootcamp – Atlanta, GA *February 2019 – Present*

- Learning full stack web development, specifically the MERN stack, through hands-on, group-oriented coding classes and assignments.
- Program focusses on mastering Javascript, MongoDB, Express, React, Node.js, and other technologies.
- Worked in groups on full web application development projects, utilizing Github for version control and dividing various application features between group members.

John Deere — Lead Electrical Manufacturing Engineer – Augusta, GA *January 2018 – February 2019*

- Designed electrical testing procedures for all 5000 series tractors at John Deere Augusta.
- Maintained SQL databases for manufacturing systems, combining production data from customer orders with manufacturing engineering software applications.
- Created SQL reports of live production data to assist shop floor in completing assemblies.
- Provided full manufacturing support during a large-scale SAP landscape conversion, helping various stakeholders in factory business team via manufacturing software and data validation.
- Worked with electrical design teams to determine features that needed to be tested and developed test parameters to ensure electrical systems quality leaving the factory.
- Provided on-call shop floor assistance for all testing procedures in the factory.

John Deere — Manufacturing Engineering EDP – Augusta, GA *June 2016 – January 2018*

- Rotational engineering program with focus on manufacturing and factory automation
- Create automated reports, PLC-linked control panels, and displays for live production data across the factory using Ignition by Inductive Automation (Java, Python, SQL)
- Create SQL reports to pull pertinent production and test data and gather specific product information to resolve production issues
- Implement and provide production support for torque tools, test stands, controller programming fixtures, and proprietary production-aid software
- Served as the production manufacturing engineer for tractor cab assembly

John Deere — Manufacturing Engineering Inter – Waterloo, IA *May - August 2015*

- Worked with shop floor assembly operators, providing support for current production tractors
- Worked on continuous improvement projects to improve operator safety and efficiency within the factory
- Worked directly with product engineers, industrial engineers, and quality engineers on a daily basis, gaining cross-functional experience
- Performed utility and layout audits for the factory, helping to improve shop floor layout and ergonomics

EDUCATION

Georgia Institute of Technology – Atlanta, GA *2016*
Graduated with High Honors – Bachelor of Science in Mechanical Engineering

SKILLS

Javascript, Git, jQuery, Node.js, CSS 3, HTML 5, Bootstrap, Materialize, Firebase, SQL, MATLAB, Ignition by Inductive Automation, Microsoft Access, RSLogix 5000 (PLC), AutoCAD, 3D Modeling Software, Reading Electrical/Engineering Drawings, Detailed Project Planning