

Jared Michael Beach

Software engineer

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Work Experience

Nucor Steel Louisiana

Level II Technician Intern

July 2015 - Present

Convent, LA

- Provided on-site and remote work in order to introduce a higher level of automation to their process.
 - Implemented delay tracking by polling PLC for delay status (was manually entered into spreadsheet). Replicated web interface from Tuscaloosa plant.
 - Created web interface for viewing and recording truck weights as they enter and exit plant site. Replaced access database and manual entry of weights.
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Nucor Steel Tuscaloosa, Inc.

Level II Technician Intern

May 2013 - March 2016

Tuscaloosa, AL

- Created software and automation solutions for capturing and retrieving data for the steelmaking process (focusing primarily on the caster area).
 - Re-designed slab inspection web page to communicate with third-party tracking system, Rollcim and improved logging.
 - Created cost model website for estimating and reporting prime tons and yield by product type.
 - Participated in planning for and installing Danielli Q3 Intelligence system (particularly involved with caster data).
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Education

The University of Alabama, Tuscaloosa, AL

Dec 2016

GPA: 2.8 / 4.0

Bachelor of Science in Computer Science

- Researched Leap Motion controller's practical applications. Created virtual theremin in Unity 3D to demonstrate the controller's potential in music education.
- Worked in Lego Robotics Outreach program. Introduced young students to basic programming concepts.
- Earned Webucator's Computer Science Scholarship for 2015-2016 year.
- Earned Nucor Corporation University Collegiate Scholarship for 2015-2016 year.