Jared Michael Beach

Software engineer

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Objective

Using my love of technology to make better software and interfaces to simplify the lives of others.

Work Experience

Nucor Steel Louisiana

Level II Technician Intern
July 2015 - Present
Convent, LA

On-site and remote work aiming to introduce a higher level of automation to their process.

- Implemented delay tracking by polling PLC for delay status (was manually enterred 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.

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.
- Major participation in planning for and installing Danielli Q3 Intelligence system (particularly for caster data).

Skypark Agency

Social Media Manager Intern
2010 - 2012
Tuscaloosa, AL
http://www.skyparkagency.com/

Maintained Facebook and Twitter social media accounts and tracked growth.

- Designed Google Sheets spreadsheet which uses the Facebook API and the Google Calendar API to collect data on multiple social media accounts and create posts from.

Projects

Allows you to stream your likes from SoundCloud intermingled with other artists.

- Added SoundCloud login to pull from likes
- Added Three.js album art viewer
- Node.js / Express

SoundCloud-Radio

Forked and added features
9.2015
https://github.com/jmbeach/soundcloud-radio
http://robotradio.herokuapp.com/

Allows you to stream your likes from SoundCloud intermingled with other artists.

- Added SoundCloud login to pull from likes
- Added Three.js album art viewer
- Node.js / Express

TumblrSlideShow

Creator
5.2014
https://github.com/jmbeach/TumblrSlideShow
http://tumblrslideshow.herokuapp.com/login

Lets you view your Tumblr dashboard as a slideshow

- Tumblr login system
- Like, re-blog, unsubscribe, and subscribe users
- Background mimics picture's dominant color
- Node.js / Express

Education

University of Alabama, Tuscaloosa, AL

2012 - Present
GPA: 2.8

Computer Science

- Undergraduate research for Dr. Jeff Gray. Created virtual theremin using Leap Motion controller and Unity 3D to demonstrate Leap's potential in music education.
- Worked in Lego Robotics Outreach program with Dr. Jeff Gray. Introduced young students to basic programming concepts.
- Earned Webucator's Computer Science Scholarship for 2015-16 year.
- Earned Nucor Corporation University Collegiate Scholarship for 2015-16 year.