

# Brien Mizell

## Software Engineer

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<https://brienmizell.com> (AWS deployed)

<http://brienmizell-raspi.myftp.org/> (Personal Raspberry Pi deployed)

[linkedin.com/brienmizell](https://www.linkedin.com/in/brienmizell) | [github.com/brienmizell](https://github.com/brienmizell)

Dynamic and detail-oriented Software Engineer with experience in conceptualizing and delivering elegant, user-friendly solutions effectively and efficiently. Eight years of experience in a tech-savvy background as a CNC Programmer and Architectural Millwork Engineer. Possessing strong computer software skills and high attention to detail. A regular participant of local hackathons and web developer meetups.

### TECHNICAL SKILLS

<b>Technologies:</b>	HTML5, CSS3.0, SASS, SCSS, Node.js, Express.js, JavaScript, Python, AJAX, Angular, React.js, Redux, PostgreSQL, Git, Raspberry Pi, Raspbian,
<b>Apps and Tools:</b>	GitHub, Slack, Visual Studio Code, Sublime Text, WebStorm, Eclipse, Xcode, AWS, Apache
<b>Concepts:</b>	Agile, Waterfall

### Projects

<b>Polifactual</b>	<a href="https://github.com/brienmizell/Polifactual">https://github.com/brienmizell/Polifactual</a>	Jan 2019
<ul style="list-style-type: none"><li>Polifactual is a web application that informs users on their local, state, and national legislative representatives.</li><li>Uses Node.js, Express.js and PostgreSQL on the backend.</li><li>Uses React, HTML5 and Bootstrap on the Frontend.</li></ul>		
<b>dragonStack</b>	<a href="https://github.com/brienmizell/dragonStack">https://github.com/brienmizell/dragonStack</a>	Dec 2018
<ul style="list-style-type: none"><li>dragonStack is a multi-account collector's application for gathering dragons.</li><li>Uses Node.js, Express.js, and PostgreSQL on the backend to create a server, API, and manage the database.</li><li>For the frontend, dragonStack uses HTML, CSS, various JavaScript modules, React.js and Redux.</li></ul>		
<b>Streamster</b>	<a href="https://github.com/brienmizell/streamster">https://github.com/brienmizell/streamster</a>	Jun 2019
<ul style="list-style-type: none"><li>Streamster is a live streaming app which allows user(s) to stream to different channels. Users can view streams, create a new stream, single sign-on using Google OAuth. Edit/Delete streams they created, and see a list of all the streams available.</li><li>Implemented an RTMP server, utilized OBS streaming tool, and constructed navigation between several pages. I even built a local database.</li><li>Built with HTML, CSS, JavaScript, Google OAuth, React, Redux, RTMP server, OBS streaming tools.</li></ul>		
<b>MusicMaster</b>	<a href="https://github.com/brienmizell/music-master">https://github.com/brienmizell/music-master</a>	Mar 2019
<ul style="list-style-type: none"><li>The Music Master project search for any artist the user enters in to fetch the artist's info (picture, number of followers, and top tracks). Once the user clicks the song, it will begin to play a 30-second snippet of the song chosen.</li><li>Built with HTML, CSS, JavaScript, React, React Bootstrap, and Spotify API.</li></ul>		

### EDUCATION

<b>DigitalCrafts   Atlanta, GA</b>	2018 – 2019
<b>Certification in Full Stack Software Engineering</b>	
<ul style="list-style-type: none"><li>Software engineering training course covering full-stack development including, but not limited to JavaScript, Python, including an emphasis on cutting-edge frameworks like React/Redux and server-side technologies including Node.js, Express, and PostgreSQL.</li></ul>	
<b>San Diego City College   San Diego, CA</b>	2010 – 2011
Business Administration	
<b>Georgia Perimeter College   Atlanta, GA</b>	2008 – 2009
Business Administration	

### WORK EXPERIENCE

#### MILLWORK ENGINEER & DESIGNER

**Atlanta Commercial Millwork, Atlanta, GA** 2017 – 2018

- Implemented a change to the Change Order flow that decreased unnecessary labor and material costs by 15%.
- Designed and modeled over 16MM+ Custom commercial furniture specializing in the uniqueness of function and design.
- Created drawings in AutoCAD for all projects.

#### LEAD CNC PROGRAMMER / CNC OPERATOR

**Royston LLC, Atlanta, GA** 2016 – 2017

- Spearheaded a change to the training of new-hires that resulted in one-week less of training, a reduction of errors by 75% and speed up workflow by 50%.
- Prepared detailed work instructions and supervised machining process validations including operator training.

#### SHOP MANAGER, LEAD CNC PROGRAMMER/ MACHINIST AND CO-LEAD DESIGNER

**Prodigy Woodworks, Macon, GA** 2011 – 2016

- Provided managerial oversight on job assignments, scheduling, and supervision.
- Optimized labor, material and equipment resource to increase work-flow by 75%.

### ACTIVITIES AND INTERESTS

Volunteer at LifeLine Animal Project: Adoption/Fostering Events and semi-weekly dog walking

Interests: Wood working, Architecture & Design, Welding, Meetups