

Brien Mizell

Software Engineer

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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

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

Projects

Polifactual | <https://github.com/brienmizell/Polifactual>

- Polifactual is a web application that informs users on their local, state, and national legislative representatives.
- Uses Node.js, Express.js and PostgreSQL on the backend.
- Uses React, HTML5 and Bootstrap on the Frontend.
- Primary responsibility were creating React components, fetching data from API calls and rendering info needed about the representatives to the DOM.

dragonStack | <https://github.com/brienmizell/dragonStack>

- dragonStack is a multi-account collector's application for gathering dragons.
- Uses Node.js, Express.js, and PostgreSQL on the backend to create a server, API, and manage the database.
- For the frontend, dragonStack uses HTML, CSS, various JavaScript modules, React.js and Redux.

gameDayReady | <https://github.com/brienmizell/gameDay>

- Member of a 2-person development team building a site that gives the user the scores for NCAA football games and the weather at the location it is being played.
- Primary responsibility: API promise chaining and code review.
- Built with HTML, CSS, JavaScript, Google geocode API, Fantasy Sports Data API, Dark Sky API.

Coffeeology | <https://www.coffeeology.club/>

- Member of a 3-person development team building a coffee education site where user can find a cost-benefit analysis making their favorite coffee drink from home.
- Responsibilities included website layout and assembling a fully mobile-first responsive design.
- Built with HTML, CSS, JavaScript and Eventbrite API

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 OPERATOR/CNC PROGRAMMER

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%.

EDUCATION

DigitalCrafts | Atlanta, GA 2018 – 2019

Certification in Full Stack Software Engineering

- 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.

San Diego City College | San Diego, CA 2010 – 2011

Business Administration

Georgia Perimeter College | Atlanta, GA 2008 – 2009

Business Administration

ACTIVITIES AND INTERESTS

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

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