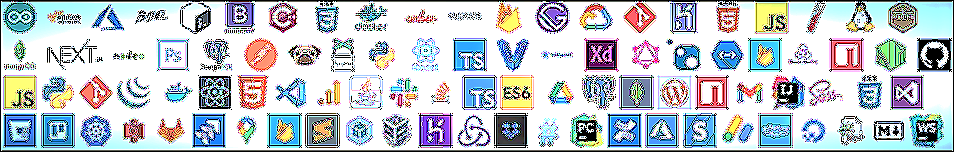
[](https://bgoonz-blog.netlify.app/)Qr code

**[linkedin
](https://www.linkedin.com/in/bryan-guner-046199128/)[](https://github.com/bgoonz/) Bryan Guner**

551-254-5505 | [bryan.guner@gmail.com](mailto:bryan.guner@gmail.com)

**Skills**

**Languages**: JavaScript ES-6, NodeJS, HTML5, CSS3, SCSS, Bash Shell, SQL, MATLAB, Python, C++, Mathematica

**Frameworks / Libraries**: React, Redux, ExpressJS, Gatsby, NextJS, Ant-Design, SCSS, Loadash, Jest, Sequelize, GraphQL, AJAX, Mocha, jQuery, Jekyll

**Databases**: PostgreSQL, MongoDB, SQlite3

**Tools**: Figma, Git, AWS S3, Heroku, Docker, Jira, Trello, Confluence, Netlify, Digital Ocean, VSCode, Google Analytics, Excel

**Tools (continued):** Wordpress, Chrome Dev Tools, Sublime Text, Adobe Illustrator, Photoshop, Pro Tools, Bootstrap, Firebase, Postman, Docker

**Hosting:** Heroku, Netlify, Vercel, Wordpress, Cloudfare, AWS, Firebase

**Operating Systems**: Linux, Windows (WSL), IOS

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### Projects

**Gatsby-GraphQL-Blog** [**Live Site |**](https://bgoonz-blog.netlify.app/) [**GitHub**](https://github.com/bgoonz/BGOONZ_BLOG_2.0)

**Stack:** *JavaScript, React / Gatsby | GraphQL | SCSS | Lodash | Jamstack | Facebook Comments API | jQuery*

***A*** [***web development blog***](https://bgoonz-blog.netlify.app/) ***featuring convenient web development tools and interactive content***

* Implemented 4 Gatsby page models and GraphQL schema to fetch markdown content and feed it into react components.
* Designed and integrated a set of convenient web-hosted [developer tools](https://bgoonz-blog.netlify.app/docs/tools/) and GUI interfaces.
* Added interactive content including comments, [video conferencing](https://bgoonz-blog.netlify.app/docs/interact/video-chat/), [data-structure visualization](https://bgoonz-blog.netlify.app/docs/interact/other-sites/), [games](https://bgoonz-blog.netlify.app/docs/interact/) and full text search.

**Autonomously Triggered Guitar Effects Platform** [**Live Site**](https://bgoonz.github.io/Revamped-Automatic-Guitar-Effect-Triggering/) **|** [**GitHub**](https://github.com/bgoonz/Revamped-Automatic-Guitar-Effect-Triggering/tree/master/Triggered-Guitar-Effects-Platform)

**Stack:** *C++ | Python | MATLAB | PureData*

[***Platform***](https://bgoonz.github.io/Revamped-Automatic-Guitar-Effect-Triggering/SR%20Project%20II%20Presentation.pdf) ***designed to analyze a time sequence of notes and autonomously trigger guitar effects at a predetermined point in the song***

* Designed a platform to digitize a guitar signal and perform filtering before executing frequency & time domain analysis in order ­to track a current performance against pre-recorded performance.
* Implemented the Dynamic Time Warping algorithm in C++ and Python.
* Autonomously activated or adjusted guitar effects at multiple pre-designated sections of performance.

**Data Structures Interactive Teaching Tool** [**Live Site**](https://ds-algo-official.netlify.app/) **|** [**GitHub**](https://github.com/bgoonz/DS-ALGO-OFFICIAL)

**Stack:** *jQuery | ExpressJS | Google Analytics |Algolia Full Text Search | Amazon S3*

***A*** [***website***](https://potluck-landing.netlify.app/style-guide/) ***for visualizing and practicing data structures and algorithms in JavaScript & Python***

* Implemented an repl.it backend to enable commenting using express and the fs module to write user comments to a storage.json file.
* Developed proprietary npm package to recursively walk the project directory structure and generate a [site navigation page](https://ds-algo-official.netlify.app/sitemap.html).
* Created multiple embedded data structure visualizations that interact with user input.
* Automated the generation and submission of a [sitemap](https://ds-algo-official.netlify.app/sitemap.xml) to (Google, Bing, and Yandex) on every build.

## Experience

**Product Development Engineer |** [***Cembre***](https://www.cembre.com/)***, Edison, NJ*** *|* **Oct 2019 - Mar 2020**

* Converted client’s product needs into technical specs to be sent to the development team in Italy.
* Reorganized internal file server structure and conducted system integration and product demonstrations.
* Presided over internal and end user software trainings in addition to producing customer facing documentation.
* Conducted electrical conductivity & tensile testing of electrical components and presided over troubleshooting railroad hardware and software in North America.

[**Family Promise**](https://familypromise.org/) **Service Tracker**

**Full Stack Web Development Intern | Remote | Sept 2021 - Present** [**Live Site |**](https://a.familypromiseservicetracker.dev/) [**GitHub**](https://github.com/Lambda-School-Labs/family-promise-service-tracker-fe-a)

**Stack:** *React | ExpressJS | Figma | Okta*

***An*** [***app***](https://bryan-guner.gitbook.io/lambda-labs/navigation/roadmap) ***built to helps local communities provide services to address the root causes of family homelessness***

* Collaborated on state management using Redux to handle application state and middleware using redux-promise & redux-thunk.
* Built two graphic visuals of the user hierarchy and the scope of their permissions as well as maintained the team’s [docs](https://bryan-guner.gitbook.io/my-docs/v/lambda-labs/).
* Created Figma UI mockups for possible future developments, such as displaying metrics data and map pinpoint functionality.

## Education

[**Lambda School**](https://www.credly.com/badges/bd145ba3-0f09-42fc-8d1f-a3bc4e0a46b4/public_url)**, *Full Stack Web Development* May 2020 - Nov 2021**

[](https://lambdaschool.com/courses/full-stack-web-development#curriculum)Six-month immersive software development course with a focus on full stack web development. Over 2000 hours of work invested including class time, homework, and projects.

**B.S.** [**Electrical Engineering**](https://electrical-computerengineering.tcnj.edu/)**, TCNJ, Ewing NJ 2014 – 2019**

[](https://github.com/bgoonz/random-static-html-page-deploy/blob/master/ElectricalEngineeringCurriculum.pdf)Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming.