Qr code

Description automatically generated**[Icon

Description automatically generated](https://github.com/bgoonz/)**[Graphical user interface, website

Description automatically generated](https://bgoonz-blog.netlify.app/)**[](https://www.linkedin.com/in/bryan-guner-046199128/)Graphical user interface

Description automatically generated with medium confidenceBryan Guner**

**551-254-5505 | bryan.guner@gmail.com**

**Skills**

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

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

**Databases**: PostgreSQL, MongoDB, SQlite3

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

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

**Projects**

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

*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**](https://www.youtube.com/watch?v=pRKjaprdWx4)[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)

*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***

* Successfully completed and delivered a platform to digitize a guitar signal and perform filtering before executing frequency & time domain analysis ­to track a current performance against pre-recorded performance.
* Implemented the Dynamic Time Warping algorithm in C++ and Python to autonomously activate or adjust guitar effect at multiple pre-designated sections of performance

[**Family Promise**](https://familypromise.org/) **Service Tracker** [Live Site](https://a.familypromiseservicetracker.dev/)  [GitHub](https://github.com/Lambda-School-Labs/family-promise-service-tracker-fe-a)

*React | ExpressJS | Figma | Okta*

***An*** [***app***](https://bryan-guner.gitbook.io/lambda-labs/navigation/roadmap) ***built to helps local communities coordinate their compassion 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.
* Created Figma UI mockups of possible future developments, i.e., displaying metrics data and map pinpoint functionality.

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

*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 to Google, Bing, and Yandex) of a [sitemap](https://ds-algo-official.netlify.app/sitemap.xml) on every build.

**Experience**

**Product Development Engineer | Nov 2019 - Mar 2020**

[*Cembre*](https://www.cembre.com/)*, Edison, NJ*

* 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 the corresponding documentation.

● Served as the primary point of contact for troubleshooting railroad hardware and software in North America

**Education**

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

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Description automatically generated with medium confidence](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**

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Description automatically generated](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.