

Go Back



I am a musician, electrical engineer & web developer

Please note that this website is in development
and is often broken!



netlify Success



Q. What's the object-oriented way to become wealthy?

A. Inheritance



Python

HTML

CSS

JavaScript

React

Node.js

Visual Studio Code

Docker

MongoDB





PostgreSQL

Git

GitHub

GitLab

M+ M

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A Quick Guide To Big O

Memoization, Tabulation, and Sorting Algorithms
by Example

Why is looking at runtime not a reliable method
of calculating time complexity?

[Get Started →](#)





Python Guide

Python has a built in help function that lets you see a description of the source code without having to navigate to it... “-SickNasty ... A Unknown”.

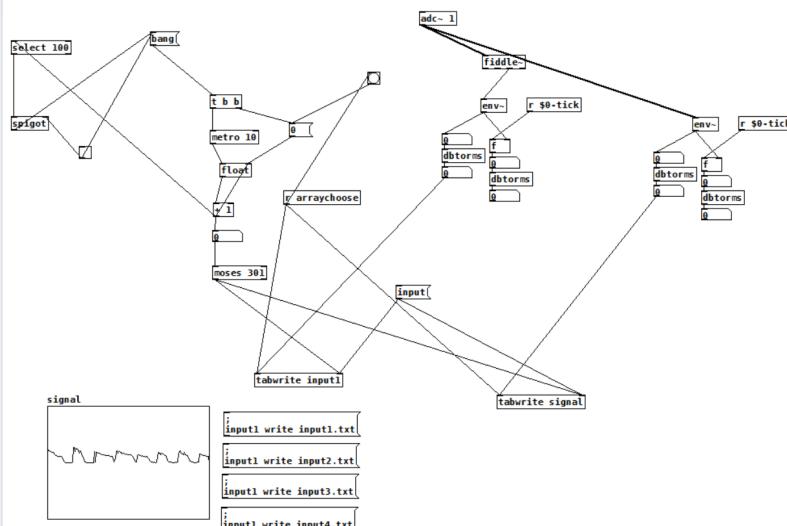
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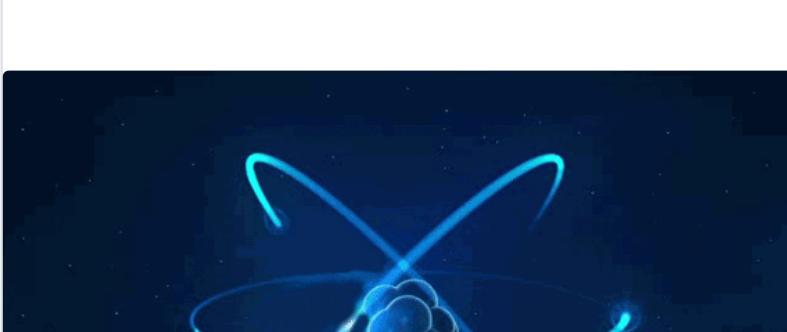
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Guitar Effects Triggering w DTW

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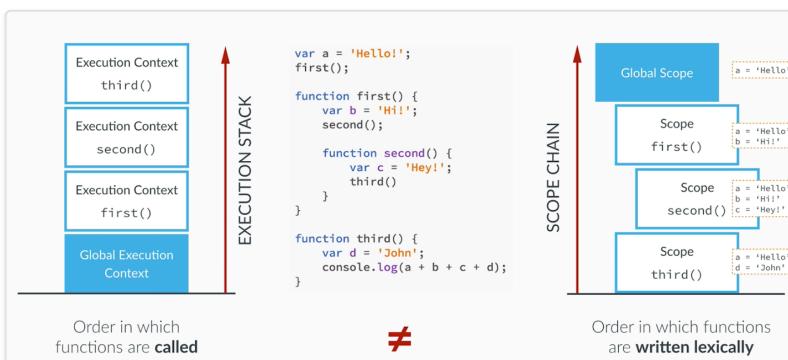
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Beginner Guide React

As I learn to build web applications in React I will blog about it in this series in an attempt to capture the questions that a complete beginner might encounter that a more seasoned developer would take for granted!



Scope & Closure

Scope & Context in JS

The **scope** of a program in JavaScript is the set of variables that are available for use within the program.

The screenshot shows a YouTube channel page for "Mihir Beg Music". The channel has 1,000 subscribers. The hero section features a photo of Mihir Beg at a DJ mixer. Below the photo, the channel name "Mihir Beg Music" is displayed in a large, bold font, followed by an optional subtitle "Optional hero section subtitle". A brief description states: "A podcast for Web developers interested in building Jamstack websites. Hosted by Miles Tone." A "Subscribe to Youtube Channel" button is visible. The channel's URL is "mihirbegmusic.com".





Latest Episodes

Web Audio Daw

PostgreSQL Cheat Sheet, Everything You Need To Know

Get Started With VSCode

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- Extensions & Resources, Super Simple Intro
To HTML, Understanding Git... etc....

Current Interests

From github repositories to existential questions.



algolia

Angolia

Full Text Search

[Full Text Search](#)

Neural Networks





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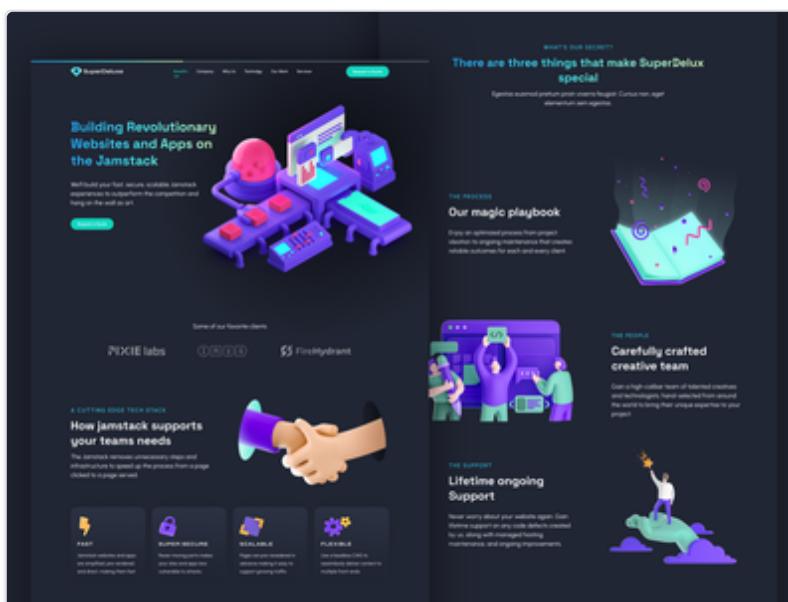
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Convolutional Neural Network

Artificial neural networks, usually simply called neural networks, are computing systems vaguely inspired by the biological [neural networks](#)



Jamstack

Why Jamstack Jamstack is the new standard architecture for the

web. Using Git workflows and modern build tools, pre-rendered content is served to a CDN and made dynamic through APIs and serverless functions. Technologies in the stack include JavaScript frameworks, Static Site Generators, Headless CMSs, and CDNs.





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Asynchronous JavaScript

The term **asynchronous** refers to two or more objects or events **not** existing or happening at the same time (or multiple related things) happening without waiting for the previous one

to complete). In computing, the word "asynchronous" is used in two major contexts.



NJ Devils

(Hockey in general)

Team identity



The old green style jerseys used from 1982 to 1992The jerseys used from 1992 to 2017Sean Avery of the [New York Rangers](#) attempts to distract Brodeur during the [2008 Stanley Cup](#)





[playoffs](#). The playoff series was the fifth to feature the [Devils–Rangers rivalry](#).

[lorem-ipsum →](#)

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ITER Fusion Reactor Experiment (Southern France)

In December, researchers at the Joint European Torus (JET) started conducting fusion experiments with tritium — a rare and radioactive isotope of hydrogen. The facility is a one-tenth-volume mock-up of the US\$22-billion ITER project and has the same doughnut-shaped 'tokamak' design — the world's most developed approach to fusion energy. It is the first time since 1997 that researchers have done experiments in a tokamak with any significant amount of tritium.

Resume & Portfolio





Bryan Guner
551-254-5505 | bryan.guner@gmail.com

Skills:

Languages: JavaScript ES-6, NodeJS, HTML5, CSS3, SCSS, Bash Shell, Excel, SQL, MATLAB, Python, C++
Frameworks / Libraries: React, Redux, ExpressJS Gatsby, NextJS, Ant-Design, LESS/SCSS, Loadash, Jest, Sequelize, Chai
Databases: PostgreSQL, MongoDB, SQLite3
Tools: Figma, Git, AWS S3, Heroku, Docker, Jira, Trello, Confluence, Netlify, Digital Ocean, VSCode, Google Analytics,
Operating Systems: Linux, Windows (WSL), IOS

Projects

Gatsby-GraphQL-Blog

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

A [web development blog](#), featuring convenient web development tools and interactive content.

- Implemented several 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 and GUI interfaces.
- Added interactive content including comments, video conferencing, data-structure visualization, games and full text search.

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Autonomously Triggered Guitar Effects Platform

C++ | Python | MATLAB | PureData

[Platform](#) 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.

[Live Site](#) [GitHub](#)

Family Promise Service Tracker

React | ExpressJS | Figma | Okta

An [app built to help 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.

[Live Site](#) [GitHub](#)

Experience

Product Development Engineer | Nov 2019 - Mar 2020

[Cembre](#), 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

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Education

Lambda School, Full Stack Web Development

May 2020 - Nov 2021

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, TCNJ, Ewing NJ

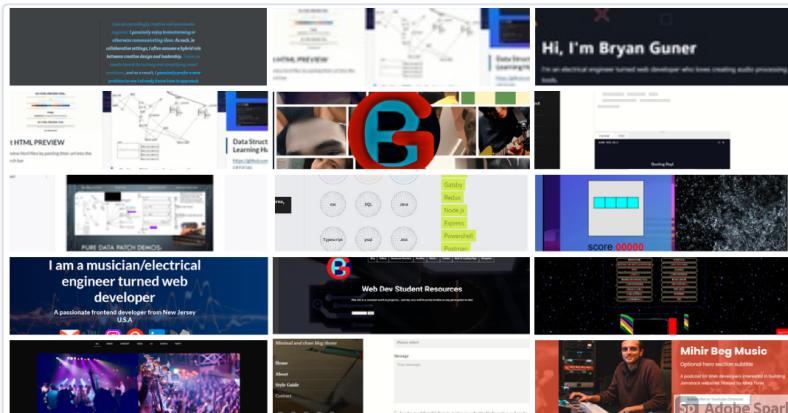
2014 – 2019

Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming.



Resume

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Showcase

My Projects!

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Blog-Archive-And-Mini-Projects



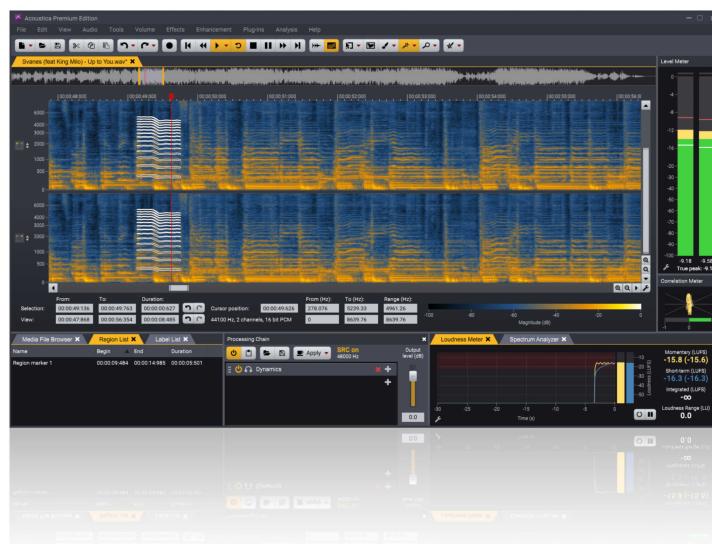


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resources

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Audio Projects

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Career

Reference materials and descriptions of fundamental concepts as well as visual

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Content

In this section you'll learn how to add syntax highlighting, examples, callouts and much more.

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Data Structures

In this section you'll learn how to add syntax highlighting, examples, callouts and much more.

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Docs

Documentation

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FAQ

In this section you'll find commonly asked questions regarding the Libris theme. If you have questions, don't hesitate to ask us directly.





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Interactive

feel free to try the examples

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Javascript

Javascript articles and docs

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Interviewing

These are some of my active projects.

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Leetcode

feel free to try the examples

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Projects





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Python

Python

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QuickRef

In this section you'll find basic information about
Web-Dev-Hub and how to use it.

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React

To make it easy to write documentation in plain
Markdown, most React components are styled using
Markdown elements with few additional CSS
classes.

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Reference

helpful reference guides





[Learn More →](#)

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Tools

See some interesting tools developed by the Web-Dev-Hubcommunity to help automate parts of your workflow.

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lorem-ipsum

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Contact

get in touch! +1 (551) - 254 - 5505





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