



# Ben Lin

## Full-Stack Developer

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Full-Stack Developer leveraging a background in Music Theory and Composition to craft elegant, quality software. Completed certification in Web Development at the Georgia Institute of Technology, and committed to constantly exploring new technologies and their applications. Constantly exploring new concepts, techniques, technologies, and their applications; passionate about growing as a software developer; and seasoned by experience in classical music performance; can fit easily into any team dynamic as an enthusiastic collaborator, able to adapt to dynamic project requirements and tight deadlines.

## SKILLS

Node.js

Nest.js

Express.js

Flask

MongoDB

MySQL

Apollo

GraphQL

Microservices

REST APIs

AJAX/XML/Fetch

Angular

React.js

Next.js

Webpack

Babel

Heroku Cloud Deployment

GitHub Source Control

Javascript Libraries

MVC

Templating

ORM

Web API

OOP

Functional Programming

SOLID

Skill

## LANGUAGES

HTML5

Full Professional Proficiency

Javascript/Typescript

Full Professional Proficiency

CSS

Full Professional Proficiency

SQL

Full Professional Proficiency

Python

Professional Working Proficiency

Java

Elementary Proficiency

C#

Elementary Proficiency

Go

Elementary Proficiency

Rust

Elementary Proficiency

## PROJECTS

Blogme v2 (07/2022 - 10/2022)

- <https://github.com/yogs0ddhoth/blogme-v2> | <https://yogs0ddhoth-blogme-v2.herokuapp.com/>

- Version 2 of the previous [Blogme](#), a simple blogging application

- **Technologies:** Flask/Gunicorn server, MySQL/SQLAlchemy, Material UI/Tailwind styled React Components, JSON Token Auth, Heroku Deployment

- **Design Concepts:** ORM, OOP

## PROJECTS

### Quizmaster - Agile Collaboration (05/2022 - 06/2022)

- <https://github.com/yogs0ddhoth/QuizMaster> | <https://polar-island-54317.herokuapp.com/>
- A full stack trivia question exchange that allows users to browse or purchase trivia questions sets or even create their own to be listed in the exchange
- **Responsibilities:** *Implementing GraphQL routing and MongoDB queries with Apollo GraphQL and Mongoose ORM, React Component and UI development, Stripe Payment API implementation, Debugging, Github Source Control*
- **Technologies:** *MERN Stack, Semantic UI React Library, Stripe Payment Services API, Heroku Deployment*

### Gym Diary - Agile Collaboration (04/2022)

- <https://github.com/yogs0ddhoth/gym-diary> | <https://tranquil-reaches-54677.herokuapp.com>
- A responsive full-stack application that allows users to track workout habits and personal stat changes
- **Responsibilities:** *Express.js Server and REST API construction and implementation using MySQL and Sequelize ORM, Backend Debugging, Github Source Control*
- **Technologies:** *Node.js, Express, MySQL database, Sequelize ORM, REST APIs, Handlebar templating MVC, FETCH API calls, CSS, and Bootstrap responsive styling, Heroku Deployment*

### CineMatic - Agile Collaboration (02/2022 - 03/2022)

- <https://github.com/yogs0ddhoth/Cinematic-Film-Finder> | <https://tnoonan88.github.io/Cinematic-Film-Finder/>
- A Movie Search Engine that searches and displays movie information, including popular ratings, trailers, and posters
- **Responsibilities:** *Implementing AJAX Fetch calls to the IMDB and Youtube API's and handling data responses*
- **Technologies:** *HTML5, ES6/JQuery, AJAX API calls, Web API, CSS, and Bootstrap responsive styling*

### Red River Lyric Opera 2016 Festival

- Role: The Witch, "Hansel and Gretel", Engelbert Humperdinck

## EXPERIENCE

### Instructional Specialist

2U

10/2022 - Present

Atlanta, GA

- Responsibilities:*
- Teaching Assistant for Fullstack Web Development Bootcamps at the Georgia Institute of Technology

### Kitchen Staff

DLS Events LLC

03/2019 - Present

Atlanta, GA

Buckhead Theater

- Responsibilities:*
- Quick Memorization, Prep and Short Order, Customer Service, Equipment Maintenance

### Accessioning Technician

Lux Diagnostics

12/2021 - 04/2022

Atlanta, GA

Covid Testing services

- Responsibilities:*
- Data Entry and Troubleshooting

## EXPERIENCE

### Tenor II, Bass I

#### Georgia State University Singers

08/2014 - 05/2019

Atlanta, GA

*Collaborative work in a large ensemble setting, multiple calls weekly, extra rehearsals for concerts, tours, and recordings*

*Achievements:*

- **CD:** Heavenly Display (2019)
- **15th International Chamber Choir Competition Marktoberdorf 2017:** 1st Place, Mixed Choir Category
- **2016 American Choral Directors Association Southern Division Conference Concert**
- **CD:** Evening Hymn (2014)

### University Assistant

#### Georgia State University Opera Theater

08/2014 - 05/2019

Atlanta, GA

*Collaborative work in both a small cast and large ensemble setting, daily calls with extended hours before shows, as well as Prop management and Show tech as part of a University Assistantship*

*Achievements:*

- **Prop Manager:** "Albert Herring", Benjamin Britten (2017)
- **Role:** Ko-Ko, "The Mikado", W.S Gilbert and Arthur Sullivan (2016)
- **Role:** Second Priest, "Die Zauberflöte", Wolfgang Amadeus Mozart (2015)
- **Chorus:** "La bohème", Puccini (2015); "Il barbiere di sivilgia", Rossini (2014); "Don Giovanni", Mozart (2017); "Candide", Bernstein (2019)

## EDUCATION

### Web Development Certificate

#### Georgia Institute of Technology

12/2021 - 06/2022

Atlanta, GA

*Focus*

- Full Stack Web Development

### Bachelor of Music

#### Georgia State University

08/2014 - 05/2022

Atlanta, GA

*Concentration*

- Music Theory and Composition
- Classical Voice