



Ben Lin

Software Developer

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Full-Stack Developer crafting elegant software solutions. Completed certification at the Georgia Institute of Technology, passionate about growing as a software developer, constantly exploring new concepts, technologies, and their applications. Seasoned by experience in classical music performance, can fit easily into any team dynamic as an enthusiastic collaborator, able to meet dynamic project requirements and tight deadlines.

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

LANGUAGES

| | | | | | |
|------------|---|---|---|---|---|
| TypeScript | ● | ● | ● | ● | ● |
| Rust | ● | ● | ● | ● | ● |
| Python | ● | ● | ● | ● | ● |
| Go | ● | ● | ● | ● | ● |
| Java | ● | ● | ● | ● | ● |
| C# | ● | ● | ● | ● | ● |
| SQL | ● | ● | ● | ● | ● |
| HTML5 | ● | ● | ● | ● | ● |
| CSS | ● | ● | ● | ● | ● |

SKILLS

| | | | |
|-----------------------------|---------------|----------------------|-------------|
| Nest.js | Spring Boot | Express.js | Flask |
| GraphQL | REST | Relational Databases | |
| Document Databases | ORMs | Next.js | |
| React | Angular | Bootstrap | Tailwindcss |
| Web API | Webpack | Babel | Jest |
| Git | | | |
| Heroku | Docker | AWS | |
| Functional Programming | MVC | | |
| Server-Side Rendering | | | |
| Object-Oriented Programming | SOLID | | |
| Test Driven Development | Microservices | | |

PROJECTS

Cinematic_v2 (10/2021 - Present)

- https://github.com/yogs0ddhoth/Cinematic_v2
- A backend movie search engine, using microservice architecture, to combine movie information, ratings, and trailers from different sources, and allowing authenticated users to save their favorite movie information; built for the previous [Cinematic Movie Finder](#) client, refactored for Angular
- **Technologies:** Nest.js/Express, Actix_Web, Apollo Federation, JSON Token Auth, Prisma, SQLite3, Mongoose, MongoDB, GraphQL, Angular, ngx-bootstrap, Docker, AWS
- **Design Concepts:** OOP, Microservices, MVC

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

Acessioning Technician

Lux Diagnostics

12/2021 - 04/2022

Atlanta, GA

Covid Testing services

Responsibilities:

- Data Entry and Troubleshooting

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)

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 blogging application that allows users to post their thoughts, comment on, and like other users' posts; refactored for a Python backend, and React client using Material UI styled components, and JWT Authorization
- **Technologies:** Flask/Gunicorn server, MySQL/SQLAlchemy, Material UI React Components, Tailwind CSS, JSON Token Auth, Heroku Deployment
- **Design Concepts:** ORM, OOP

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

- <https://github.com/yogs0ddhoth/QuizMaster> | <https://yogs0ddhoth-quizmaster.herokuapp.com>
- ● A MERN stack trivia question exchange that allows users to browse or purchase trivia questions sets and create their own to be listed in the exchange
- **Responsibilities:** GraphQL API construction and integration with the Client, using Apollo, data modeling with MongoDB and Mongoose, Stripe Payment API integration, UI development with Semantic UI React components, 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://salty-reaches-53151.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 a MySQL database with Sequelize ORM for data persistence, Backend Debugging, Github Source Control
- **Technologies:** Express.js, MySQL, Sequelize ORM, REST API, Handlebar templating MVC and Server-Side Rendering, Bootstrap responsive styling, Heroku Deployment

Red River Lyric Opera 2016 Festival

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