Charles Tucker Barrett

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GitHub: https://github.com/GrinninBarrett | **LinkedIn**: https://www.linkedin.com/in/tucker-barrett

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Summary

Full stack web developer with a background in music education. Experienced working on collaborative teams, spontaneous problem-solving, and devising creative approaches to difficult situations. Interested in leveraging my technical and artistic experience to solve real-world problems to make our planet a better place. Possess a Full Stack Web Development certificate and have a genuine love for technology and the arts.

Technical Skills

Git/GitHub, Agile, JavaScript, MongoDB, Express, React, Redux, Node.js, GraphQL, MySQL, JSON, HTML, CSS

Projects

CoinBull | *Contributing Developer* | https://coinbullapp.herokuapp.com/
- ♦ Full stack web application to track cryptocurrency information | **MERN stack, GraphQL, Heroku**
- ♦ Repo: https://github.com/GrinninBarrett/CoinBull

Book Search Engine | *Sole Developer* | https://glacial-stream-35332.herokuapp.com/
- ♦ Full stack web application to search for and save books | **MERN stack, GraphQL, Heroku**
- ♦ Repo: https://github.com/GrinninBarrett/book-search-engine

Skillet & Shaker | *Contributing Developer* | https://grinninbarrett.github.io/recipe-finder
- ♦ Uses recipe APIs to find food and drink recipes based on user criteria | **JavaScript, HTML, and CSS**
- ♦ Repo: https://github.com/grinninbarrett/recipe-finder

Etch-a-Sketch | *Sole Developer* | https://grinninbarrett.github.io/etch-a-sketch
- ♦ Drawing canvas based on the famous Etch-a-Sketch | **JavaScript, HTML, and CSS**
- ♦ Repo: https://github.com/grinninbarrett/etch-a-sketch

Experience

Full Stack Boot Camp Teaching Assistant / Central Grader - *2U* - (February 2022 - present)
- ♦ Guide students in their learning of web development technologies and practices
- ♦ Evaluate the quality of student assignment submissions; provide detailed feedback for students' growth

Specialist - *Apple* - (October 2021 - present)
- ♦ Utilize thorough product knowledge to provide personalized solutions for new Apple product owners

ESL Teacher - *VIPKid* - (2018 - 2022)
- ♦ Maintained a nearly 100% rebooking rate - 100% 5/5 star-rated teacher
- ♦ Managed relationships with students and parents, built strong rapport

Music Teacher - *South Harnett Elementary School, Bunnlevel, NC* - (2019 - 2021)
- ♦ Developed a comprehensive, sequential music curriculum for grades 3-5 and K-5 special needs
- ♦ Planned and executed successful performances, ensuring students' personal and musical growth

Kindergarten/ESL Teacher - *Worwick Franklin Institute, Ulsan, South Korea* - (2015 - 2018)
- ♦ Contributed to a nearly 200% increase in enrollment after my first year
- ♦ Bridged language and cultural divides to collaborate with Korean coworkers

Certificates

- ♦ Introduction to Computer Science and Programming Using Python, **MITx**
- ♦ Responsive Web Design, **freeCodeCamp**

Education

University of North Carolina - Chapel Hill, Chapel Hill, NC - 2021
Certificate - JavaScript Full Stack Web Development

University of South Carolina, Columbia, SC - 2012
Bachelor of Music Education with Horn Performance Certificate