

Charles 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, jQuery, MongoDB, Express, React, 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

Apple - Specialist - October 2021 - present

- ♦ Utilize thorough product knowledge to provide personalized solutions for new Apple product owners

VIPKid, Online Teaching Platform - ESL Teacher - 2018 - present

- ♦ Maintain a nearly 100% rebooking rate - 100% 5/5 star-rated teacher in the past year
- ♦ Manage relationships with students and parents, building strong rapport

South Harnett Elementary School, Bunnlevel, NC - Music Teacher - 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

Worwick Franklin Institute, Ulsan, South Korea - Homeroom Kindergarten Teacher - 2015 - 2018

- ♦ Contributed to a nearly 200% increase in enrollment after my first year
- ♦ Bridged language and cultural divides to collaborate with Korean coworkers

Leadership / Honors

- ♦ President, Phi Mu Alpha Sinfonia, Delta Sigma Chapter, Columbia, SC - 2010 - 2011
- ♦ Drum Major, USC Marching Band, Columbia, SC - 2009 - 2010
- ♦ Eagle Scout, Boy Scouts of America, Troop 222, Abingdon, VA

Certificates

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

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