

Kurt Riecken

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GitHub: <https://github.com/kurtriecken>

Full-Stack Web Developer

An adaptable and solution-oriented professional educated in and holding hands-on experience across the software engineering life-cycle. Distinctive work experience creating and developing elegant and technically-masterful digital solutions to real-world problems as well as leading teams within the symphonic orchestra industry. Thrives in collective and deadline-oriented work settings, championing complex projects from conception to timely delivery. Committed to achieving quality output and skilled at describing technical concepts in coherent and digestible terminology for diverse audiences.

Education & Professional Training

University of Central Florida/EdX Web Development Bootcamp Certificate, Orlando, FL	December 2023
Object-Oriented Programming in Java Certificate, UC San Diego via Coursera (MOOC)	2023
Python for Everybody Certificate, University of Michigan via Coursera (MOOC)	2022
Java Programming Fundamentals Certificate, Duke University via Coursera (MOOC)	2022
Master of Music Performance Indiana University – Bloomington, IN	2014
Bachelor of Science: Music Performance, Graduated with Honors	2012
<ul style="list-style-type: none"><i>University of Central Florida; Orlando, FL</i>	
Bachelor of Science: Electrical Engineering, Graduated with Honors	2012
<ul style="list-style-type: none"><i>University of Central Florida; Orlando, FL; Capstone Project: Drove design and development of Smart House System centralizing control and enabling analysis of all home electronics.</i>	

Technical Skills

Languages: JavaScript ES6+, CSS3, HTML5, Java, SQL

Applications: GitHub, VSCode/Eclipse/BlueJ, Emacs, Heroku, DBaver, Insomnia, MongoDB

Tools: React, Node, Bootstrap, Bulma, JQuery, NPM packages, Third-party APIs, RESTful APIs, Mongoose, React

Project-based: Stakeholder Relations, Milestone Development, Task Prioritization, Process Improvement, Excel in Autonomous & Collaborative Work Settings, Influential Communicator, Project & Program Management, Requirements Gathering

Projects

Tasty Tableau | <https://github.com/jradmorrison/tasty-tableau> | <https://cryptic-tundra-53497-2c1c36d10121.herokuapp.com/>

- **Summary:** Full-stack recipe app; users can upload and edit their own new recipes, browse the database, search by key phrases, save recipes to a favorites section, write and view reviews, and receive emails alerting to activity on their recipes.
- **Responsibilities:** Interacted with and helped construct all aspects of the page including DB management, UI/UX, data sanitization and validation,
- **Tools used:** HTML/CSS/JS, Node.js, Sequelize, BCrypt, MySQL, Bootstrap, Nodemailer

Weather Dashboard | <https://github.com/kurtriecken/Weather-dashboard> | <https://kurtriecken.github.io/Weather-dashboard/>

- **Summary:** 5-day forecast and current weather dashboard using
- **Responsibilities:** Designed page layout, wrote and published all code
- **Tools used:** HTML, Bootstrap, JQuery, and OpenWeatherMap API

SongSafari | <https://github.com/kathrynfisher3700/songSafari> | <https://kathrynfisher3700.github.io/songSafari/>

- **Summary:** Exploration of subgenres of popular genres of music. Semi-random selection from several thousand sub-genres and artists including embedded links to YouTube and a savable list of artists.
- **Responsibilities:** Constructed all code interacting with Spotify API; created objects for storage of artist and genre information to allow for fast, enjoyable UI experience; contributed to design and function of modals, local storage, and interactivity on page.
- **Tools used:** HTML, Bulma, Spotify API, YouTube API, JQuery

Professional Experience

Principal Double Bass, *Charlotte Symphony Orchestra; Charlotte, NC* 2015 – 2023

Lead and advance development of double bass section team of 7+ within nationally acclaimed, 60-member symphony orchestra. Excel in multiple committee leadership roles, influencing program financials, personnel, scheduling, stage planning, and artistic decision-making. Talented soloist, performing concertos and encores with famed guest artists for orchestral repertoire.

- Partner seamlessly with leadership to produce bowings for all seasonal pieces.
- Spearhead planning and execution of educational programming, community, and donor outreach events.
- Consistent and overwhelming positive feedback in performance evaluations, both formal and informal, including my ability to lead my direct reports effectively and contribute to the orchestra's overall excellence
- Decision-making and vision led to hires of new staff who consistently ranked in the top 10% of the organization
- Feedback from conductors and other temporary leaders of the orchestra proved my overall ability to raise the level of commitment, technical skill, and excellence of my team year after year