

BRANDON SCHUMACHER

Full Stack Software Developer | Cheyenne, WY

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WORK EXPERIENCE

Full-Stack Instructional Specialist

2U | edX

2023 - Present Remote

- Assist lead instructor with course module objectives and class content
- Executed example projects for student understanding
- Problem solved various challenges with students to guide understanding of coding best practices

Instructor

Laramie County School District 1

2008 - Present Cheyenne, WY

- Designed and taught curriculum for grades 7-12
- Instructed 150 students annually in three different subjects
- Doubled student enrollment in elective program through effective leadership, strategic planning, and peer collaboration

Instructor Mentor

Laramie County School District 1

2021 - Present Cheyenne, WY

- Mentored educators in developing teaching strategies and classroom management techniques
- Worked one-on-one with educators to provide feedback and support in implementing new teaching methods and technologies
- Maintained regular communication with mentees to track progress, offer guidance and support, and provide constructive feedback

TECHNICAL PROJECTS*

Database Application

Program Management and Financial Organization Tool

Python Flask MySQL JavaScript Flask-Bcrypt Bootstrap AWS Deployment HTML CSS

- Designed and developed a database app using Flask-Bcrypt, data tables, and pagination to manage school music program information.
- Implemented secure login, search function, and data export in multiple formats for improved accessibility and efficiency.
- Provided a comprehensive solution for managing school music program aspects, improving efficiency, accuracy, and organization.

Portfolio

Developer Portfolio

React Sanity JSX Framer Motion Bootstrap Netlify Deployment HTML SCSS

- Built an impressive portfolio site with dynamic user experience using React and Framer Motion.
- Utilized Sanity for flexible content management, streamlining workflow and content creation.
- Organized and streamlined site styling with SCSS for consistent look and easy updates.

CAREER HIGHLIGHTS

- Completed a 28-week coding bootcamp in 8 weeks, demonstrating exceptional dedication and time-management skills.
- Mentored fellow students in the coding bootcamp, contributing to the program's success and fostering a collaborative learning environment.
- Collaborated effectively with other students on coding projects, delivering outstanding results through innovation and teamwork.
- Applied industry standards and best practices to coding projects, ensuring high-quality outcomes.
- Committed to ongoing personal and professional development, staying up-to-date with the latest trends and advancements in the field.

EDUCATION

Full-Stack Engineering Certification

Coding Dojo

2021 - 2022

Bachelor of Arts in Music Education

University of Wyoming

2002 - 2008

DEVELOPER TOOLBOX

React JavaScript Python HTML CSS SCSS JSX Flask Flask-Bcrypt Sanity MySQL Git Bootstrap Material-UI API GitHub Canva VS Code

*For more examples of my work, please visit btschu.com.