

Tiffany L. Brand

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LinkedIn: <https://linkedin.com/in/tiffanybrand> GitHub: <https://github.com/tiffany-brand>

Portfolio: <https://tiffany-brand.github.io>

Full stack web developer with a background in educational technology management, committed to team collaboration and continuous learning in responsive web design. Known as a creative problem solver, persistent in finding solutions and seeking new challenges in front and back end development.

TECHNICAL SKILLS

HTML, CSS, Bootstrap, Materialize, JavaScript, jQuery, AJAX, Node.js, Express, MySQL, MongoDB, React, Heroku, Python

WORK EXPERIENCE

Dover Adult Learning Center, Dover, NH

Technology Integrator, 8/2011 - Present

- Designed and implemented the new Exploring Coding and IT Careers curriculum including building connections with local IT business leaders, resulting in adult students enrolling in and completing post-secondary training in web development.
- Coordinated technology planning, budgeting, and upgrades at multiple center locations including installing a 13 workstation Windows computer lab, a Windows Server, wired and wireless network upgrades, classroom projection systems, staff workstations, and rolling out teacher tablets.
- Spearheaded improved teacher technology training and computer skills curriculum resulting in increased digital literacy for staff and students and efficient electronic data entry and recordkeeping.

New Hampshire Bureau of Adult Education, Concord, NH

Technology Mentor, 12/2014 – Present

- Designed and facilitated state-wide professional development and training courses in distance education, technology integration, digital literacy, and learning management systems using research-based best practices.
- Partnered with national adult education research organizations to create and present online professional development opportunities and share distance learning best practices.
- Won \$150,000 achievement award as part of the World Education XPRIZE Adult Literacy Communities Competition team by developing outreach and professional development resources to support mobile learning in adult students.

PROJECTS

Team Builder

This application aims to help build teams, foster creativity, and strengthen culture in a remote workforce. It provides a fun way to break the ice in remote meetings and help team members bond. In this project, I served on the back-end development team, tasked with authentication, API structure, routes, image handling, and database structure.

Tools Used: HTML, CSS, JavaScript, JQuery, Bootstrap, Express, Handlebars, Auth0, Passport, MySQL, Sequelize, FileStack

Code: <https://github.com/tiffany-brand/the-team-builders>

Deployed Site: <https://the-team-builder.herokuapp.com/>

High Card Picks Dinner

This application is a game providing a fun way to choose an evening meal. It helps couples, friends, or roommates fairly choose who picks dinner and find quality dinner choices. In this team project, I served as the project manager and front-end designer.

Tools Used: HTML, CSS, JavaScript, jQuery, Materialize, Card and Recipe APIs, Animate CSS, Moment JS, Chart JS

Code: <https://github.com/tiffany-brand/high-card-picks-dinner>

Deployed Site: <https://tiffany-brand.github.io/high-card-picks-dinner/>

Weather Dashboard

This weather dashboard application allows the user to search for cities to view current weather conditions and a 5-day forecast with data from the OpenWeather API.

Tools Used: HTML, CSS, JavaScript, Bootstrap, OpenWeather API, Moment JS

Code: <https://github.com/tiffany-brand/weather-conditions-dashboard>

Deployed Site: <https://tiffany-brand.github.io/weather-conditions-dashboard/>

Engineering Team Dashboard Creator

This project is a command line application which builds an html file displaying the members of an engineering team. The application prompts the user for information about the team manager, and then prompts to add engineer or intern team members. When all team members have been added, the application generates a team.html file in the output folder which displays all team member summaries on one page.

Tools Used: HTML, CSS, JavaScript, Materialize, Node.js

Code: <https://github.com/tiffany-brand/engineering-team-dashboard-creator>

EDUCATION

Full Stack Web Development Certificate, University of New Hampshire, Durham, NH

An intensive 24-week course dedicated to designing and building web applications.

M.Ed., Secondary Education, University of New Hampshire, Durham, NH

BA, Zoology, Cum Laude, University of New Hampshire, Durham, NH