

Tiffany L. Brand

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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, Material UI, JavaScript, TypeScript, 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/>

Google Books Search and Save

This MERN full stack application allow a user to search for books through the Google Books API. Users can type in a search term, and results are displayed. Users can save a book to the Mongo database, and see all books saved. This application also uses Socket.io messaging to alert current users when a book has been saved.

Tools Used: React.js, Express, Mongo DB, Node, JavaScript, Material UI, Socket.io

Code: <https://github.com/tiffany-brand/google-books-search-and-save>

Deployed Site: <https://gb-search-n-save.herokuapp.com/>

Employee Directory

This application allows a user to view a table of basic information about employees (loaded from the Random User API). The user can sort the employees by first name, last name, gender, email address, phone number, city, or state. Employees can also be filtered on those same fields by entering text into the search field.

Tools Used: React.js, TypeScript, Material UI

Code: <https://github.com/tiffany-brand/react-ts-employee-directory>

Deployed Site: <https://tiffany-brand.github.io/react-ts-employee-directory/>

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