

Dylan Thomson

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<https://github.com/Dylan-Thomson> | <https://www.linkedin.com/in/dylanjthomson> |
<https://dylan-thomson.github.io/>

Web Developer with a passion for creative problem solving and a lifelong dedication to learning and researching new concepts and technologies. Adept at working independently as well as collaborating with team members to design and build exciting and complex applications in fast paced, high pressure environments. Strong written and oral communication skills and an easy-going manner.

Technical Skills: HTML 5, CSS 3, JavaScript, jQuery, Bootstrap, Node.js, React, SASS/SCSS, MySQL, MongoDB, React, Java, C#, ASP.NET Core MVC, Object Oriented Design, Git/GitHub

APPLICATIONS BUILT

GamePlan - *MERN stack social media website catered toward tabletop gamers (Group Project)*

- Built backend using Node.js on a Heroku instance to handle over 30 API routes
- Designed 5 tables/collections for storing the data using MongoDB with Mongoose
- Implemented user authentication via email/password using Passport and bcrypt
- Assisted front end team with React router to create a single page application (SPA)
- Live: <https://www.clevelandgameplan.com/> Repo: <https://github.com/jmbw88/GamePlan>

GameScape - *Scrape and display summaries for gaming related news articles*

- Built backend using Node.js and Handlebars, following the Model-View-Controller (MVC) pattern
- Retrieved HTML from third party sites using Axios to perform HTTP requests
- Extracted desired data from HTML using Cheerio for DOM traversal
- Implemented pagination using built in Mongoose functions
- Designed mobile responsive front end using Bootstrap
- Live: <https://gamescape.herokuapp.com/> Repo: <https://github.com/Dylan-Thomson/GameScape>

Project Board - *Fullstack Trello clone for managing multiple project tasks*

- Developed backend using Node.js and Handlebars using the MVC pattern
- Designed a MySQL database for storing tasks, and built a custom ORM for dealing with the database
- Implemented functionality for dragging/dropping tasks to different areas on the page using jQuery UI
- Handled click events and Ajax requests using jQuery
- Created mobile responsive layout and implemented modals using Bootstrap
- Live: <https://lit-fjord-11882.herokuapp.com/> Repo: <https://github.com/Dylan-Thomson/ProjectBoard>

TinFur - *Search for adoptable pets in your area by swiping left/right (Group Project)*

- Researched Petfinder API and made requests based on user input using jQuery and Ajax
- Developed functionality for swiping pets left and right using jQuery and jQuery mobile, CSS animations
- Used Firebase for handling user authentication and storing their saved favorites in a realtime database
- Utilized Google Maps API for displaying a map with directions to the breeder/shelter to the user
- Live: <https://dylan-thomson.github.io/tinfur/> Repo: <https://github.com/Dylan-Thomson/tinfur>

EDUCATION

Case Western Reserve, Cleveland, OH

Full Stack Web Development Bootcamp

Grade: A+

An intensive 24-week long boot camp dedicated to designing and building web applications. Skills learned consisted of HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node.js, MySQL, MongoDB, Express, Handlebars JS, & React.

Cleveland State University, Cleveland, OH

B.S. Computer and Information Science

Selected Coursework: Data Structures and Algorithms, Object Oriented Programming, Database Concepts