

JOHN D WATT

Software Engineer - Las Vegas, NV
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Software engineer with a background in psychological research seeking full-stack web development roles. Comfortable with both back-end (Node.js/Express.js, Django) and front-end (React, HTML, CSS) technologies. Experience with Agile/Scrum methodologies, collaborating on cross-functional teams, leading coding projects, meeting sprint deadlines, and picking up new technologies quickly.

SKILLS

Languages - JavaScript, Python, HTML, CSS, SQL | **Databases** - MongoDB, PostgreSQL | **Libraries and Frameworks** - React, Express.js/Node.js, Django | **Other** - Git/GitHub, SASS, RESTful Routing, JSON API, MVC, Slack, Heroku

SELECTED PROJECTS

[10-44 \(Road Buddy\)](#) | *JavaScript, Node, Express, MongoDB, Mongoose, EJS, CSS, jQuery* December 2021

- A hackathon-winning, buddy matching app for truckers to help address loneliness during long-haul trips.
- Created from scratch in under 3 days by an 8-person, cross-functional team (SW engineers and UX/UI designers).
- Features a robust, session-based user auth system, an efficient matching algorithm that pairs users based on shared interests, and a working two-way messaging system, and both front/back-end data validation.

[Dreamscribe](#) | *JavaScript, Node, Express, MongoDB, Mongoose, EJS, SASS, jQuery* September 2021

- Forum for lucid dreamers to journal their dreams and share helpful resources.
- Developed during a 2-week sprint; the app's mobile-first design is responsive and modern with full CRUD functionality, RESTful routing, microinteractions, and dynamically rendered web pages using EJS.

[Project Wayfarer](#) | *Python, Django, SQL, PostgreSQL, Bootstrap CSS, Javascript, jQuery* August 2021

- Client-requested social media site for travelers to share tips on their favorite park locations from around the world.
- Built by a 3-person team during a 1-week sprint; demonstrates full CRUD functionality, RESTful routes, a responsive mobile-first design, and DTL templating to render dynamic web pages.

[Thematic LMS](#) | *JavaScript, Node, Express, MongoDB, Mongoose, EJS, Semantic UI, jQuery* August 2021

- A learning management system that adds customizable themes to bring the learning space to life.
- Developed by a 2-person team during a 1-week sprint; exhibits full CRUD functionality, RESTful routing, a mobile-first responsive design, EJS partials/templating, and multiple database models with working relationships.

RELEVANT EXPERIENCE

Lab Manager/Research Assistant June 2019 - May 2021

Interactive Measurement Group | University of Nevada, Las Vegas, NV

- Managed 30+ undergraduate research assistants over 3 semesters; organized schedules, distributed weekly agendas, delivered workshops, and chaired 60+ meetings.
- Mentored and trained 8-12 new lab members each semester on coding in R, Wordpress, Jamovi, and Qualtrics.
- Maintained lab's Wordpress website for 4 semesters; experience deploying 20+ HTML web pages and debugging code.
- Collaborated on 3 separate poster teams to analyze/code data in R, write up results, and create research presentations that were taken to professional conferences, reaching 500+ professors and researchers.

EDUCATION

Software Engineering Immersive Program June 2021 - September 2021

General Assembly | Remote

- Full-stack software engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

Bachelor of Arts (B.A.) in Psychology August 2017 - May 2021

University of Nevada, Las Vegas | Las Vegas, NV

- Graduated Summa Cum Laude with Research and Creative Honors.