

JOHN D WATT

Software Engineer - Las Vegas, NV

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Software engineer with a background in psychological research looking for full-stack web development roles. I am a coachable, detail-oriented problem-solver obsessed with honing my craft. In addition to my ever-improving tech skills and ability to learn quickly, I bring my friendly demeanor, open communication, and collaborative mindset to any team.

SKILLS

Languages - JavaScript, Python, HTML, CSS, SQL, Typescript | **Databases** - MongoDB, PostgreSQL | **Libraries and Frameworks** - React (class based and hooks), Express.js, Django, jQuery, Bootstrap | **Other** - Git/GitHub, SASS, RESTful Routing, JSON API, MVCR, Slack, Heroku

SELECTED PROJECTS

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

- A buddy matching app for truckers to help address loneliness during long-haul trips.
- Winning application of General Assembly's first West Coast Hackathon.
- Created from scratch in under 3 days by an eight-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, 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.
- This NEM-stack application was created during a two-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.
- This full-stack django application created during a one-week sprint demonstrates full CRUD functionality, use of RESTful routes, a responsive mobile-first design, and DTL templating to render dynamic web pages.
- Collaborated on a three-person team using Git/GitHub for version control and Heroku for deployment.

SELECTED 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 R, Wordpress, Jamovi, Qualtrics, and Microsoft Office.
- Collaborated on 3 separate poster teams to analyze data in R, write up results, and create research presentations that were taken to professional conferences, reaching 500+ professors and researchers.
- Created 12 assignments with a team for the Jamovi statistical software package, published on teachpsychscience.org.

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.
- Successfully defended an undergraduate honors thesis, which involved meeting tight deadlines, collecting and analyzing participant data in R, and writing a 40+ page document.