

Dylan T. Vavra

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Portfolio: dylanvavra.com | GitHub: <https://github.com/dvavs> | LinkedIn: <https://linkedin.com/in/vavrad>

TECHNICAL SKILLS

Languages:	JavaScript (including jQuery), CSS, HTML, SQL
Environments/Frameworks:	Node.js, Express.js, React.js
Databases:	MySQL, SQLite, Sequelize ORM, MongoDB, Mongoose ORM, Firebase
Version Control/Deployment:	Git, Heroku, DigitalOcean
Topics/Concepts:	OOP, MVC, REST APIs

PROJECTS

AutoMate

GitHub: <https://github.com/dvavs/AutoMate> | Demo: <https://dvavs-automate.herokuapp.com/>

- Digital Customer Data Management System built for the owner of a local (Richmond) auto body shop, previously reliant upon paper records. Provides basic record Creation, Reading, Updating, and Deletion (CRUD) functionality.
- **Role:** Database design and model definition, Express server routing, React component construction, GitHub project management, Heroku deployment.
- **Technologies used:** React, JavaScript, MySQL, Sequelize ORM, MERN stack.

WorkHound

GitHub: <https://github.com/dvavs/workHound> | Demo: <https://dvavs-workhound.herokuapp.com/>

- Recruiter management application that helps recruiters track their recruits, list jobs for them, add new recruits, and connect with new candidates registered on the app. Candidate interface lists job opportunities.
- **Role:** Executed JavaScript programming, authentication and encryption setup, database design, front-end stylization, and Heroku deployment.
- **Technologies used:** JavaScript, Node, Express, Heroku, Handlebars, MySQL, Sequelize ORM.

Hold My Beer!

GitHub: <https://github.com/dvavs/HoldMyBeer> | Demo: <https://dvavs.github.io/HoldMyBeer>

- Select U.S. city/state and brewery type (i.e., size, "open now"). Displays information of matched breweries in list format and places interactive pins on map, interfacing with brewery websites and Google Maps.
 - **Role:** Implemented conceptual design, API interface configuration (including proxy server implementation), and JavaScript coding of dynamic features. Managed GitHub version control and merge conflicts.
 - **Technologies used:** JavaScript, Node, AJAX, Google Maps APIs.
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EXPERIENCE

Research Lab Specialist – Psychology
University of Richmond

January 2016 – Present
Richmond, VA

- Provide technical support, taking tickets and resolving issues with hardware and software.
- Develop new technologies for lab use (e.g., EMG interface to turn facial expressions into computer input).
- Compile and curate data sets for large studies and meta-analytic reviews.

EDUCATION

- *Full Stack Web Development Coding Certificate* | University of Richmond, Richmond, VA
- *Introduction to GIS Certificate* | University of Richmond, Richmond, VA
- *Bachelor of Arts in Psychology* | University of Richmond, Richmond, VA