

Jackson Barker

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Portfolio: <https://jacksonbarkerportfolio.netlify.app> | **GitHub:** <https://github.com/Jackson-Barker>
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Summary

Graduate of full stack web developer program leveraging background in GIS and surveying to provide perspective into how end users interact with the spatial aspects of websites and software platforms.

Education

University of Denver (DU), Denver, CO
Full Stack Web Development Certificate

08/2012-02/2022

Appalachian State University (ASU), Boone, NC
Bachelor of Science, Geography; GIS Certificate

2014-2018

Work Experience

Land Survey Crew Chief
Range West Inc.

2021-Present
Frisco, CO

- Prepares, collects, and analyzes field data for use in the office.
- Organizes crew personnel daily to establish goals in project completion and equipment management to execute tasks.
- Supervises and coordinates field survey activities.
- Works closely with towns, municipalities and civil engineers to facilitate smooth, efficient, and timely projects.

Land Survey Technician
Peak Land Consultants Inc.

2019-2021
Vail, CO

- Boundary, construction and topographic mapping.
- GPS and total station set up and use.
- Assist in analysis of field data.

Technical Skills

Languages: JavaScript ES6+, CSS3, HTML5, SQL (MySQL), NoSQL (MongoDB), Node.js, GraphQL

Applications: Github, GitLab, Heroku, Compass, Atlas, Npm, Insomnia, MySQL Workbench

Tools: ReactJS, Redux, Express, Node, jQuery, Bootstrap, Semantic UI, Sequelize, Mongoose

GIS: ESRI ArcGIS, ArcGIS Online, QGIS

Projects

Pad Protection

GH: <https://github.com/Jackson-Barker/Pad-Protection>

Live: <https://padprotection.herokuapp.com>

- Summary: A React app to help users calculate and track the value of the items in their home for insurance purposes.
- Role: Full Stack - GraphQL, CRUD, React
- Tools: ReactJS, MongoDB, Shopify, NodeJs

TripShare

GH: <https://github.com/carlincb/TripShare>

Live: <https://blooming-ridge-32748.herokuapp.com>

- Summary: A travel blog that allows users to post pictures and thoughts about their travels.
- Role: Full Stack
- Tools: Node, Express, Sequelize, MySQL, Heroku

Eat the Frog

GH: https://github.com/msp4msps/eat_the_frog

Live: https://msp4msps.github.io/eat_the_frog

- Summary: Task manager app that persists user settings based on preference.
- Role: Front-end developer
- Tools: HTML, CSS, JavaScript, Bulma, API's