

McLean Carpenter

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Portfolio: <https://mcarpent87.github.io/portfolio>

Full Stack Developer and technical professional with a passion for web development. Proficient in the MEAN and MERN Stacks. Detail-oriented consultant possessing excellent written and verbal communication skills, exemplary time management skills, and thrives in a team-oriented environment.

Technical Skills: JavaScript (ES6), HTML, CSS, React.js, React Native, Redux, Angular.js, Node.js, Express, jQuery, Python, PHP, GIT, Github, Heroku, MongoDB, MySQL, Firebase, Webpack, Materialize, Bootstrap, Saas, APIs, JSON, AJAX, UI/UX Design, Project Management, Data Analysis, Statistical Analysis, Technical Writing, QA/QC.

EDUCATION

University of Utah, Salt Lake City, Utah

Full Stack Web Developer Certificate, February 2019

Full-Stack Coding Bootcamp with a MERN Stack Focus: MongoDB, Express, React, Node. Also extensive coverage of APIs, HTML5, CSS3, web design frameworks like Bootstrap and Materialize.

Brigham Young University, Provo, Utah

Master of Science, Geology, April 2014

Brigham Young University, Provo, Utah

Bachelor of Science, Geology, April 2012

PROFESSIONAL EXPERIENCE

AECOM, Salt Lake City, Utah

Geologist/GIS Analyst, September 2014-present

- Lead field teams and assist with collecting and evaluating geological, hydrogeological, and remediation system data in both field and office settings.
- Write report text, create dynamic figures and data tables that go into technical reports.
- Compile and analyze large data sets using statistical methods to make conclusions about field data.
- Lead verifier for QA/QC on technical reports going out to five different clients.
- Responsible for mentoring of junior staff.

Vivint Wireless, Provo, Utah

GIS Technician, June 2014-September 2014

- Worked on a project team that used GIS data to plan wireless networks in neighborhoods.
- Automated tasks utilizing Python scripts and ArcGIS model builder.
- Provided QA/QC for deliverables.

Brigham Young University, Provo, Utah

Graduate Research Assistant, April 2012-May 2014

- Led a research team in processing Antarctic firn core data.
- Created Python scripts to automate tasks to process large datasets for thesis work.
- Performed research to discover best methods to analyze data for my thesis work.

APPLICATIONS BUILT

The GB List

- Gift registry application that allows a user to manage their personal wish list and to connect to other user's wish lists.
- React.js, MongoDB, Express, Node.js, Materialize, Passport
- <http://greedy-bastages.herokuapp.com/>

Expensify Budget App (In progress)

- A web app to manage expenses.
- React, Redux, Jest, Firebase, Materialize.
- <https://github.com/mcarpent87/expensify-app>

Friend Finder

- Application that matches user with friends with the highest compatibility.
- Node.js, Express, Javascript, jQuery, Bootstrap
- <https://protected-shelf-15607.herokuapp.com/>

See the World!

- Javascript based game of puzzles and riddles.
- Javascript, jQuery, HTML, CSS, Bootstrap
- https://mcarpent87.github.io/Team_Voldemort