MCLEAN CARPENTER

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Github LinkedIn Portfolio

MS in Geology graduate, technical professional who currently has his sights set on a full-time web development position. Experienced in HTML5, CSS3, Javascript, JQuery, Python, Bootstrap, Angular JS, Firebase, Node Js, MySQL, MongoDB, Express & Handlebars JS. Experienced detail-oriented scientist who is proficient in data analysis, statistics, technical writing, and working on project teams to deliver quality deliverables for clients.

ACADEMIC EXPERIENCE

University of Utah
- Full Stack Developer Certificate

Expected January 2019

Brigham Young University
- Master of Science in Geology
- Bachelor of Science in Geology

April 2014
April 2012

PROFESSIONAL EXPERIENCE

AECOM
September 2014 – Present
Staff Geologist
- Work with project team members to produce and deliver quality solutions to clients.
- Write report text, create dynamic figures and data tables that go into technical reports.
- Analyze large data sets using statistical methods to make conclusions about field data.
- Lead verifier for QA/QC on technical reports, responsible for mentoring junior staff.

VIVINT WIRELESS
June 2014 – September 2014
GIS Technician
- 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
April 2012 – April 2014
Graduate Research Assistant
- Created python scripts to automate tasks to process large datasets for thesis work.
- Performed research to find best methods to analyze data for my thesis work.
- Prepared and analyzed water samples for oxygen isotope analysis.

LANGUAGES/DEVELOPMENT SKILLS

Javascript	React.js	Bookshelf.js	Matlab
HTML 5	JQuery	API	Heroku
CSS 3	Node/Express	MongoDB	JSON
Python	MySQL	Ruby	Database Theory

TECHNICAL/SOFTWARE SKILLS

- Technical writing
- Data Analysis
- Statistical Analysis
- UI/UX Design
- QA/QC
- MS Office Suite
- Adobe Acrobat
- Adobe Illustrator
- Adobe Photoshop
- Github/Gitbash
- Slack
- VS Studio Code