

# Alex McComb

Salt Lake City, UT

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## Software Developer

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## Skills

**Languages:** JavaScript, HTML, CSS

**Front-End:** React, Redux

**Back-End:** Node.js, MongoDB, Mongoose, Express, SQL, Contentful Headless CMS, GraphQL

**Tools:** Git / GitHub, Heroku, testing with Mocha & Chai, mobile development, responsive design, ESRI Suite, Mapbox GL, Leaflet, ArcGIS JavaScript API, Deck.gl, Elasticsearch, Moment, Lodash, Stripe, Postman

## Personal Projects

**Peek** | [GitHub](#): A full stack app where registered users can search for hikes. Built with React, Redux, Node/Express, MongoDB, React-Leaflet, & Mapbox.

**3D Roadkill Incident Map** | [GitHub](#): An app created from roadkill data across the state. Allows users to explore and filter the data with ancillary layers and an awesome 3D visualization of where the incidents occurred. Built with React, Redux, MapBox, Deck.GL.

## Education

### Thinkful

Remote

#### Full-Stack Web Development Program

2018 - 2019

- Learned industry best practices and practical software development standards with a focus on HTML, CSS, JavaScript, jQuery, Node.js, React.
- Mentored several hours every week one on one with a senior software developer.

### University of Utah

Salt Lake City, UT

#### Masters in GIS

2015 - 2018

- Concentration in GIS computer science topics such as development with JavaScript, HTML, CSS, and RESTful services, database design and management with SQL, and automation scripting with Python.
- MSGIS Capstone - Built an open data website for Wild Utah Project using ArcGIS Server / Online / Hub, HTML, CSS, and published data using Python.

## Relevant Experience

### Impossible Bureau

Salt Lake City, UT

#### Software Developer

July 2019 - Nov. 2020

- Carrying out development as the sole developer for a full stack website communicating directly with the client.
- Main developer on a feature for purchasing museum tickets through Ticketure and handling the checkout.
- Leading a feature for a React Native app with beacons to display location based content coming from a Contentful CMS.
- Working on a variety of full stack projects from the start using mostly React, React Native, Redux, & Node.

### Department of Wildlife Resources

Salt Lake City, UT

#### GIS Technician II

Sep. 2017 - July 2019

- Creating web apps with React, Mapbox, Deck.gl, Web AppBuilder, ArcGIS JavaScript API, ArcGIS Online.
- Utilizing Python to automate updating, enriching, and uploading data with Pandas and ArcPy.
- Managing a statewide database with SQL and SQL Server Management Studio.