

# EMILY KEATOR

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## SKILLS

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## PROJECTS

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Ballet Salt Lake City – Personally Developed Web App (CURRENTLY NOT HOSTED) SEPT 2017

React / Node.js / Express.js / PostgreSQL / jQuery / Sass / Photoshop – Video Tour

Designed and developed a site for a (fake) ballet company for Full-Stack Personal Project as a student at DevMountain.

- Used React to create components viewed through different browser routes, all made fully responsive with Sass
- Integrated axios calls to backend server to load and update data from PostgreSQL database, including ticket data
- Custom-designed scss for a 3D-interactive view of theatre seats so that user can select & purchase tickets with Stripe

Lonely Mountain Winery – Personally Developed Web App AUG 2017

React / jQuery / Sass / Google Maps API / Photoshop – Video Tour

Created a site for a (fake) winery for Front-End Personal Project as a student at DevMountain.

- Used React to create interactive components available with different browser routes & JS functionality for purchases
- Designed fully-responsive views using scss, hand-drawn items, and photoshop, including opening animation
- Utilized the Google Maps API and integrated into one of the React components

Utah National Park Hopping – Personally Developed Web App (Udacity Project) JULY 2017

JS / HTML5 / CSS3 / Google Maps API / Knockout.js – Video Tour

Developed a fully-responsive, single-page web app that allows the user to search for national parks in & around UT.

- Developed a fully-responsive single page web app that allows the user to search for national parks in and around UT
- Integrated Google Maps API in order to search for parks within a given distance (uses Google API's distance matrix)
- Coded HTML5 and JS to link UI items as Knockout.js observables that change in real-time as user interacts.

## EXPERIENCE & EDUCATION

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DevMountain – Provo, UT CURRENT

DevMountain Student Developer – Emphasis on Full-Stack Development with React, Sass, Node, Express, Massive, SQL

Developed web apps regularly, while improving skills with in-class demos and projects.

National Institutes of Health (NIMH) – Bethesda, MD JUNE 2016 - JUNE 2017

Post-baccalaureate IRTA Fellow

Received prestigious post-bac Intramural Training Research Award, for work in genetic/genomic engineering in the neuroscience lab of Dr. Lee Eiden. Produced and analyzed data, presenting at two NIH conferences.

Udacity (Front-End Nanodegree, Deep Learning Foundations Certificate) – Online NOV 2016 – JULY 2017

Student Developer/Programmer – Emphasis on Front-End Development & Neural Networks with TensorFlow, respectively

Earned nanodegree in Front-End Web Dev & certificate in Deep Learning Foundations through online coursework with regular projects.

Davidson College – Davidson, NC AUG 2012 – MAY 2016

Student – B.S. in Biology, GPA 3.96 (Major GPA 3.98), successful tutor in Center for Teaching & Learning

Awarded John I. Smith Honor Scholarship and National Merit Scholarship; received Alumni Association Award for highest freshman GPA.

Relevant coursework includes: Data Structures (Java, Algorithms & Object-Oriented Programming), Bioinformatics (Python), Statistics.